

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001413.D
 Acq On : 05 May 2018 12:04
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

apatel
 5/8/2018 7:53:23 AM

Quant Time: May 06 07:46:49 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:39:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	351048	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	211774	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	3677	1.177	ug/l	91
3) Chloromethane	1.32	50	4049	1.318	ug/l	97
4) Vinyl Chloride	1.41	62	4077	1.269	ug/l	93
5) Bromomethane	1.65	94	3640	1.439	ug/l	88
6) Chloroethane	1.73	64	2594	1.264	ug/l	98
7) Trichlorofluoromethane	1.93	101	6025	1.131	ug/l	99
8) Diethyl Ether	2.19	74	2474	1.324	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	3605	1.168	ug/l	96
12) 1,1-Dichloroethene	2.37	96	3138	1.125	ug/l	96
14) Allyl chloride	2.73	41	5851	1.188	ug/l	99
15) Acrylonitrile	3.15	53	9957	6.356	ug/l	100
16) Acetone	2.45	43	10750	6.589	ug/l	98
17) Carbon Disulfide	2.57	76	7679	1.053	ug/l #	94
18) Methyl Acetate	2.78	43	5108	1.301	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	11088	1.166	ug/l	96
20) Methylene Chloride	2.86	84	4171	1.174	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	3824	1.256	ug/l	88
22) Diisopropyl ether	3.87	45	11515	1.220	ug/l	93
23) Vinyl Acetate	3.83	43	44242	5.539	ug/l	96
24) 1,1-Dichloroethane	3.70	63	6384	1.212	ug/l #	91
25) 2-Butanone	4.72	43	14031	6.261	ug/l	99
26) 2,2-Dichloropropane	4.60	77	4516m	1.060	ug/l	
27) cis-1,2-Dichloroethene	4.60	96	3743	1.123	ug/l	53
28) Bromochloromethane	5.02	49	2900	1.244	ug/l #	96
29) Tetrahydrofuran	5.18	42	8953	6.445	ug/l	98
30) Chloroform	5.21	83	6442	1.162	ug/l #	80
31) Cyclohexane	5.57	56	5251	1.109	ug/l #	82
32) 1,1,1-Trichloroethane	5.49	97	5200	1.073	ug/l #	48
36) 1,1-Dichloropropene	5.81	75	5079	1.227	ug/l	97
37) Ethyl Acetate	4.87	43	5498	1.300	ug/l #	93
38) Carbon Tetrachloride	5.79	117	4875	1.119	ug/l	91
39) Methylcyclohexane	7.46	83	5510	1.125	ug/l #	93
40) Benzene	6.15	78	13721	1.151	ug/l	99
41) Methacrylonitrile	5.07	41	3169	1.290	ug/l #	86

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	5381	1.164	ug/l	94
43) Isopropyl Acetate	6.47	43	7495	1.105	ug/l	99
44) Trichloroethene	7.21	130	4202	1.152	ug/l	98
45) 1,2-Dichloropropane	7.52	63	3462	1.140	ug/l #	76
46) Dibromomethane	7.67	93	2436	1.139	ug/l	95
47) Bromodichloromethane	7.91	83	3854	1.001	ug/l	97
48) Methyl methacrylate	7.79	41	3985	1.098	ug/l	92
49) 1,4-Dioxane	7.77	88	1750	24.953	ug/l #	81
51) 4-Methyl-2-Pentanone	8.66	43	23916	5.453	ug/l	95
52) Toluene	8.79	92	8748	1.122	ug/l	97
53) t-1,3-Dichloropropene	8.44	75	3974	0.871	ug/l #	89
54) cis-1,3-Dichloropropene	9.05	75	3490	0.835	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	3685	1.176	ug/l	93
56) Ethyl methacrylate	9.19	69	4484	1.023	ug/l	95
57) 1,3-Dichloropropane	9.37	76	5920	1.165	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	10012	4.699	ug/l	97
59) 2-Hexanone	9.51	43	17236	5.044	ug/l	96
60) Dibromochloromethane	9.59	129	3013	0.917	ug/l	95
61) 1,2-Dibromoethane	9.68	107	3530	1.060	ug/l	98
64) Tetrachloroethene	9.34	164	4925	1.227	ug/l	90
65) Chlorobenzene	10.14	112	10325	1.141	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	3155	1.001	ug/l #	68
67) Ethyl Benzene	10.26	91	16236	1.091	ug/l	99
68) m/p-Xylenes	10.37	106	12114	2.064	ug/l	100
69) o-Xylene	10.70	106	5904	1.034	ug/l	99
70) Styrene	10.71	104	8776	0.941	ug/l	97
71) Bromoform	10.86	173	2122	0.798	ug/l #	90
73) Isopropylbenzene	11.02	105	15186	1.061	ug/l	97
74) N-amyl acetate	6.47	43	7495	1.216	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	4587	1.078	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	4614m	1.166	ug/l	
77) Bromobenzene	11.26	156	4633	1.127	ug/l	95
78) n-propylbenzene	11.37	91	15714	0.991	ug/l	97
79) 2-Chlorotoluene	11.43	91	10508	1.097	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	11769	0.984	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	895	0.864	ug/l #	63
82) 4-Chlorotoluene	11.51	91	11522	1.006	ug/l	98
83) tert-Butylbenzene	11.77	119	11931	1.001	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	12296	1.002	ug/l	96
85) sec-Butylbenzene	11.95	105	14219	0.995	ug/l	97
86) p-Isopropyltoluene	12.07	119	12741	0.970	ug/l	94
87) 1,3-Dichlorobenzene	12.03	146	7948	1.035	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	8556m	1.085	ug/l	
89) n-Butylbenzene	12.40	91	10680	0.940	ug/l	94
90) Hexachloroethane	12.60	117	1855	0.975	ug/l	92
91) 1,2-Dichlorobenzene	12.40	146	8158	1.067	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	862	0.991	ug/l	93
93) 1,2,4-Trichlorobenzene	13.65	180	5523	0.904	ug/l	97
94) Hexachlorobutadiene	13.79	225	3255	1.015	ug/l	94
95) Naphthalene	13.84	128	14347	0.917	ug/l	100

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ClientSampleId :
VSTDICC001

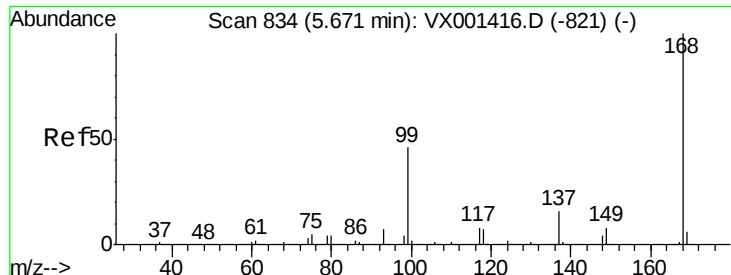
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	5749	0.954	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:168 Resp: 273352

Ion Ratio Lower Upper

168 100

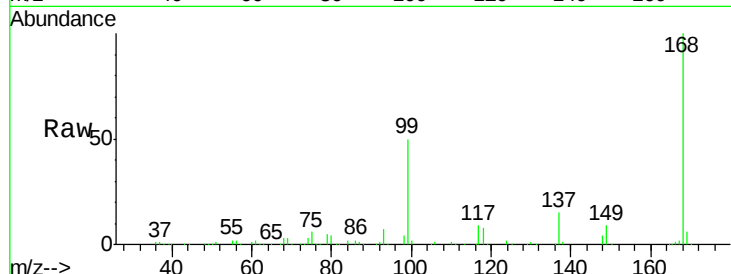
99 50.2 36.6 54.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

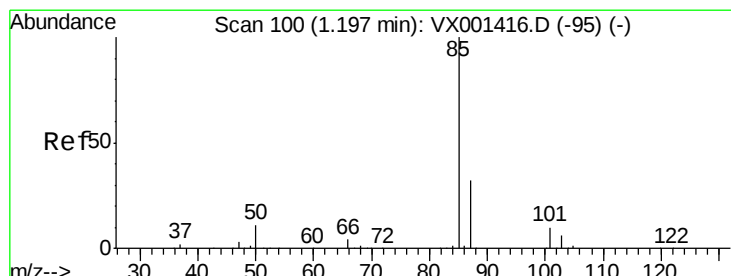
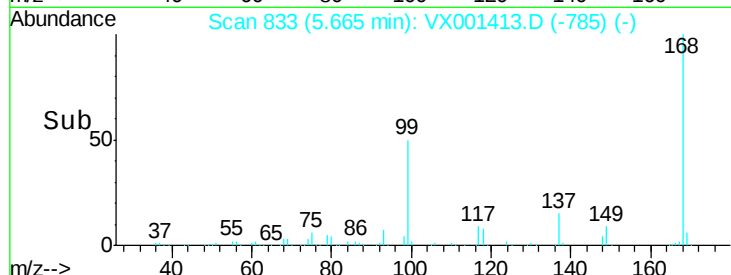
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#2

Dichlorodifluoromethane

Concen: 1.177 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001413.D

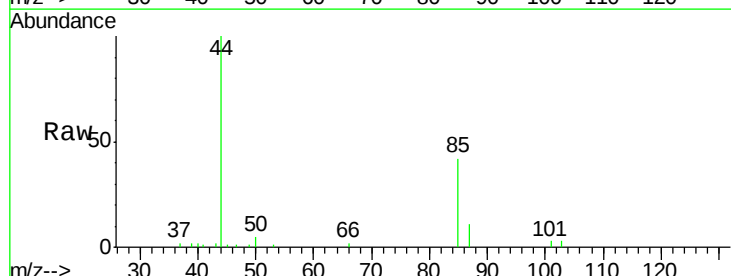
Acq: 05 May 2018 12:04

Tgt Ion: 85 Resp: 3677

Ion Ratio Lower Upper

85 100

87 27.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

4000

3000

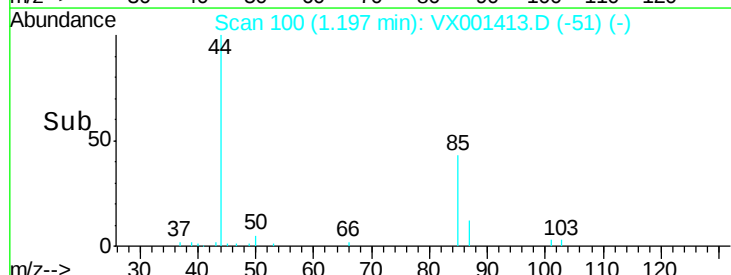
2000

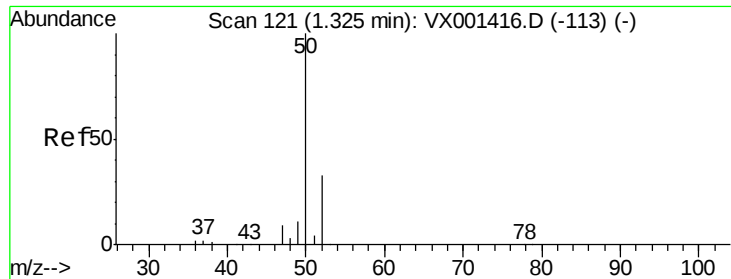
1000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 1.318 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 4049

Ion Ratio Lower Upper

50 100

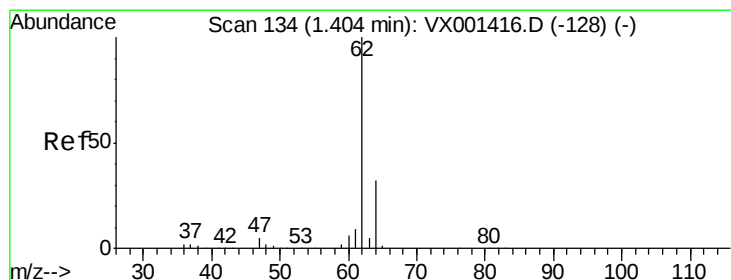
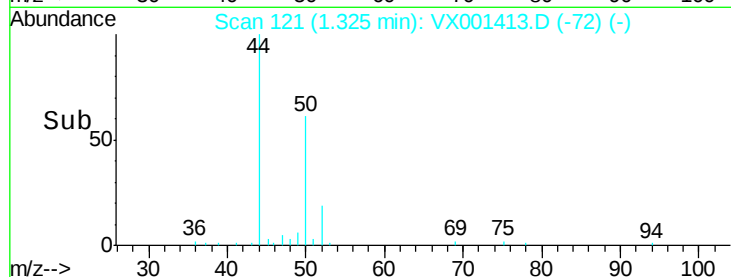
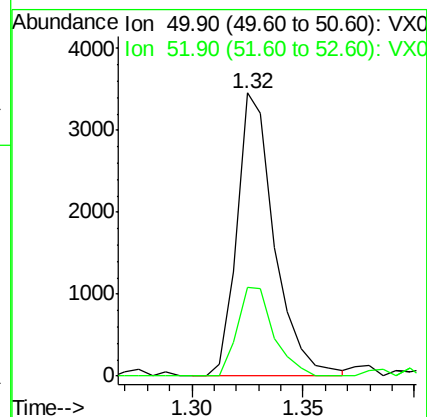
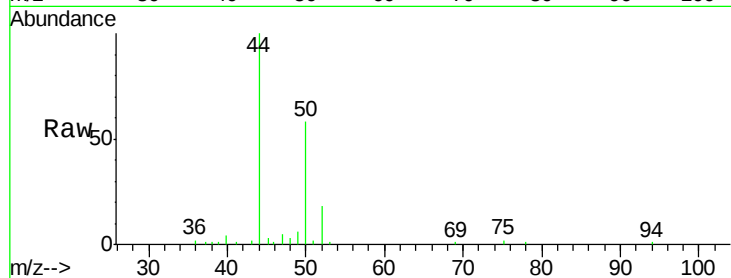
52 31.3 26.2 39.4

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#4

Vinyl Chloride

Concen: 1.269 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX001413.D

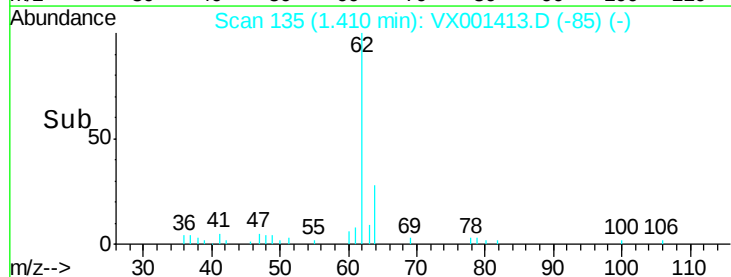
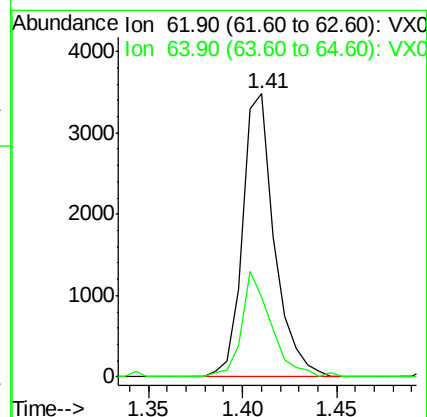
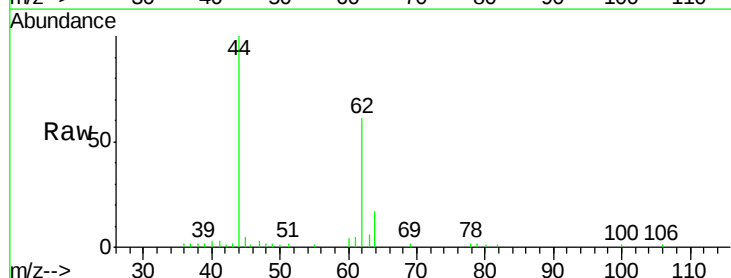
Acq: 05 May 2018 12:04

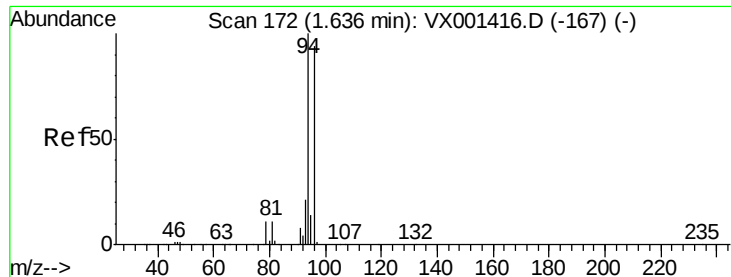
Tgt Ion: 62 Resp: 4077

Ion Ratio Lower Upper

62 100

64 28.1 25.8 38.6





#5

Bromomethane

Concen: 1.439 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 94 Resp: 3640

Ion Ratio Lower Upper

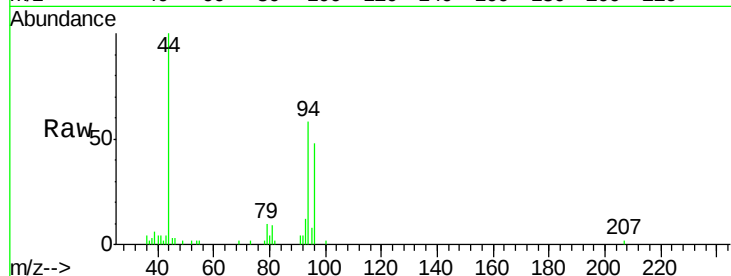
94 100

96 82.6 75.0 112.6

Manual Integrations
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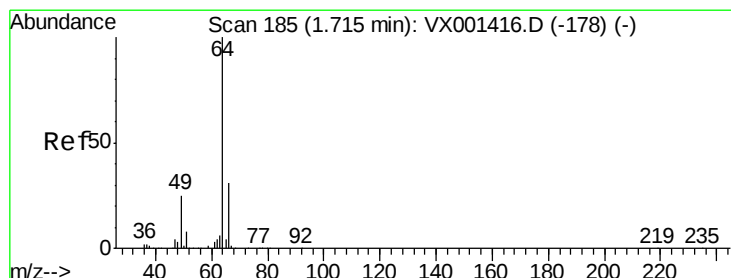
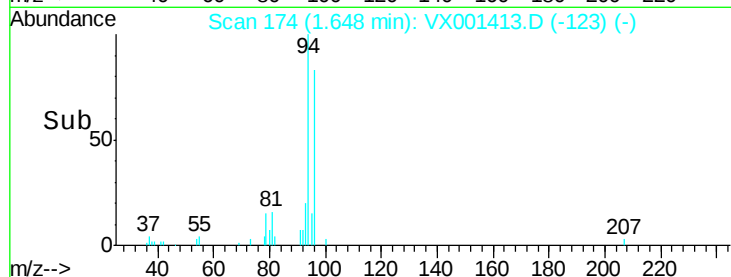
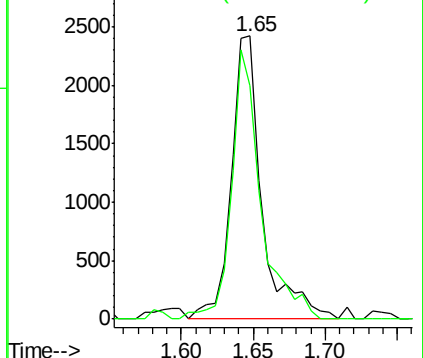
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.264 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001413.D

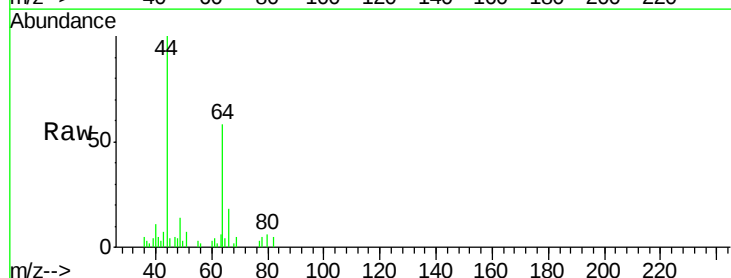
Acq: 05 May 2018 12:04

Tgt Ion: 64 Resp: 2594

Ion Ratio Lower Upper

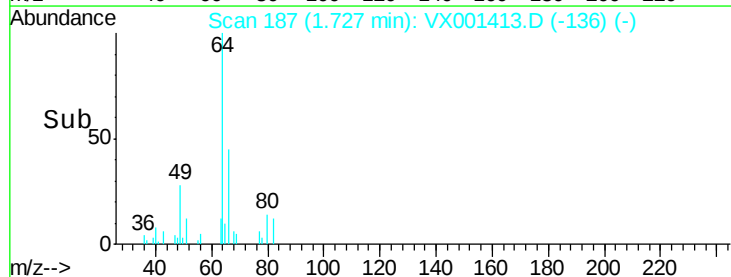
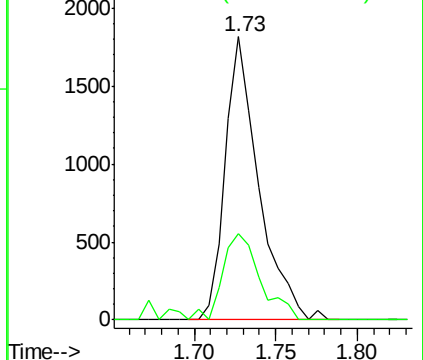
64 100

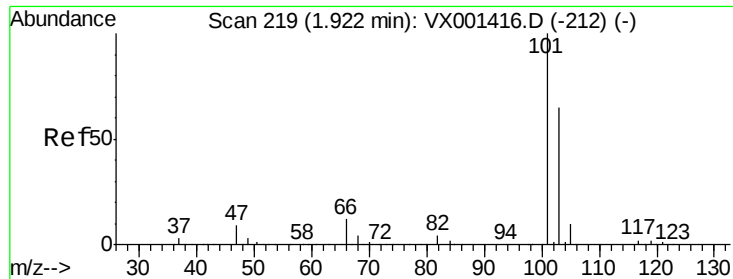
66 30.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

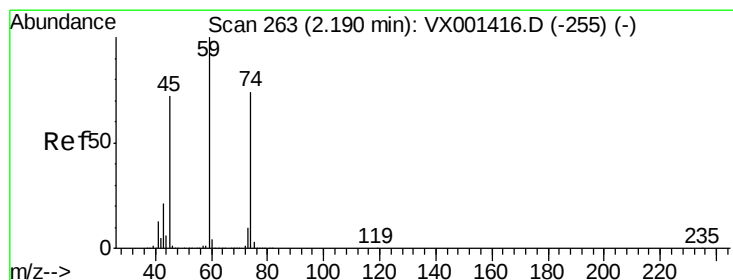
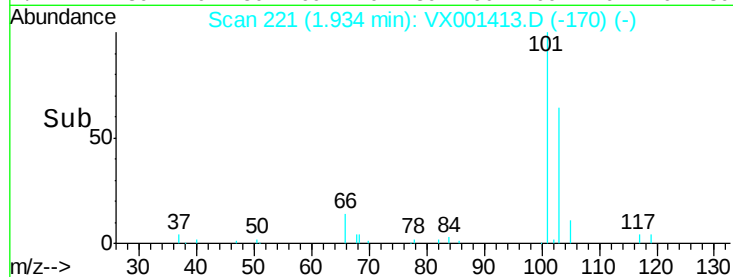
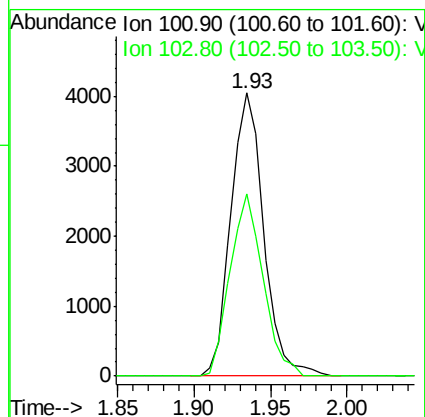
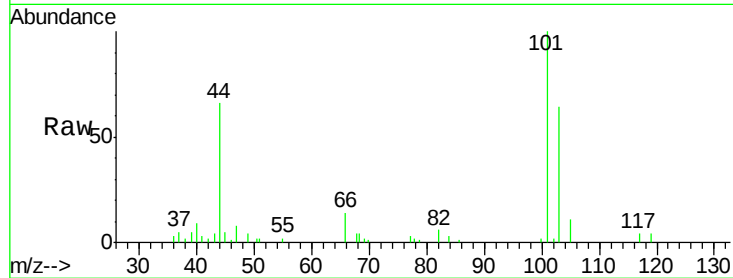
Trichlorofluoromethane
Concen: 1.131 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

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Tot Ion:101 Resp: 6025
Ion Ratio Lower Upper
101 100
103 64.3 52.0 78.0

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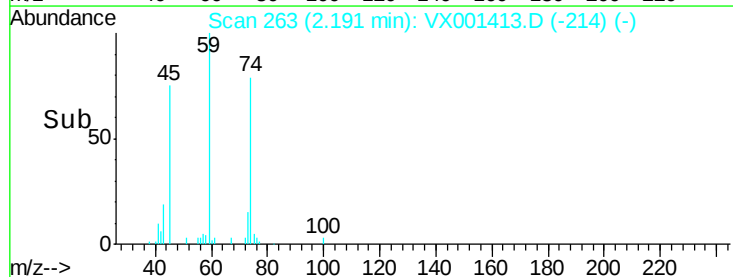
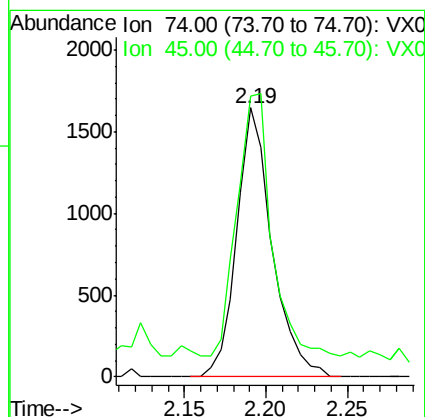
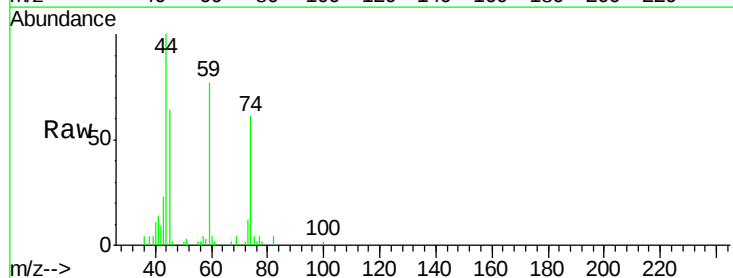
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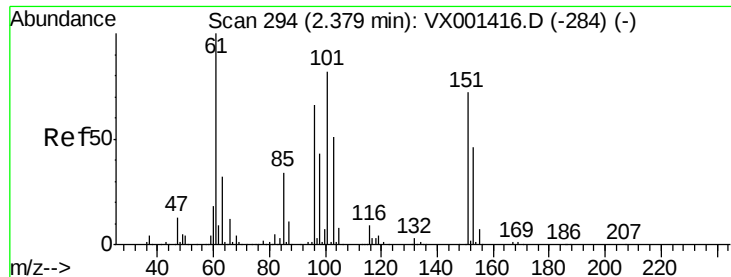


#8

Diethyl Ether
Concen: 1.324 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion: 74 Resp: 2474
Ion Ratio Lower Upper
74 100
45 95.4 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.168 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

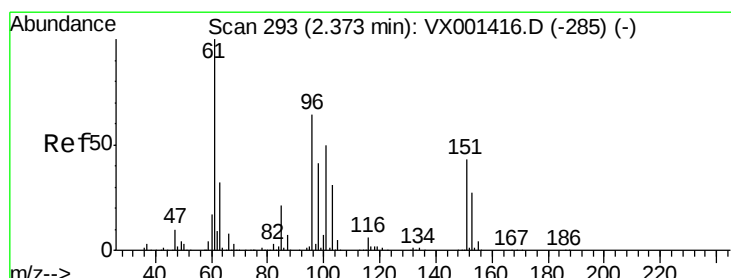
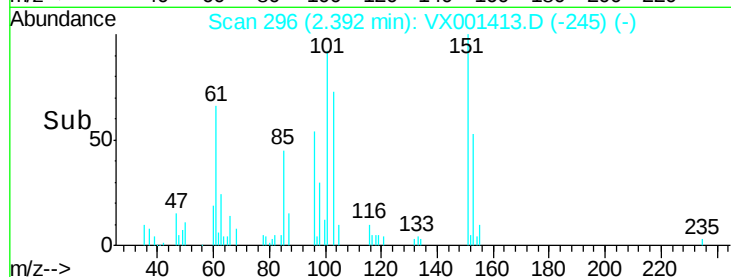
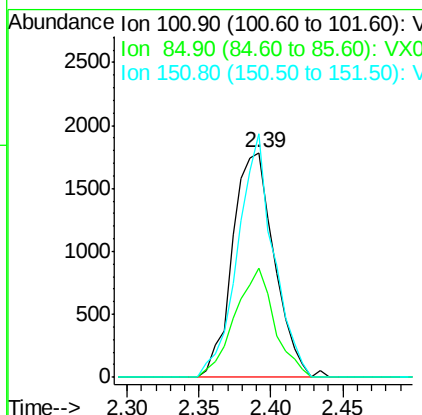
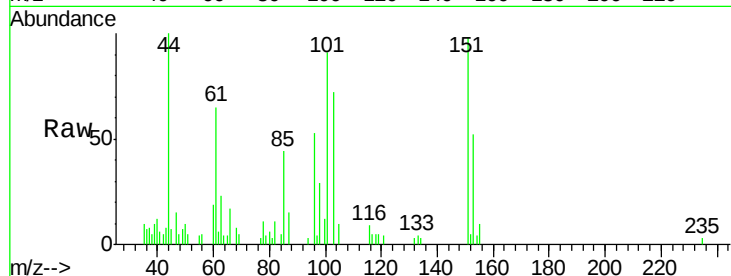
ClientSampleId :

VSTDIC001

Tot Ion:	101	Resp:	3605
Ion	Ratio	Lower	Upper
101	100		
85	46.2	33.7	50.5
151	92.6	72.3	108.5

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#12

1,1-Dichloroethene

Concen: 1.125 ug/l

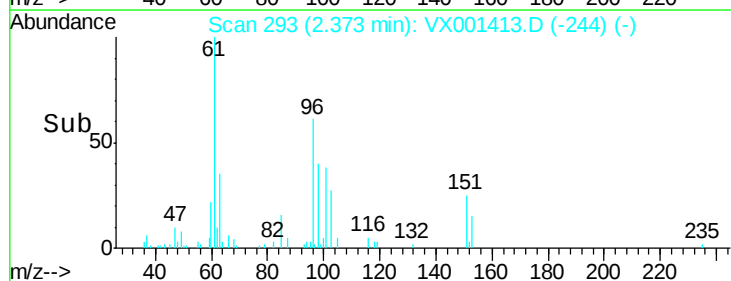
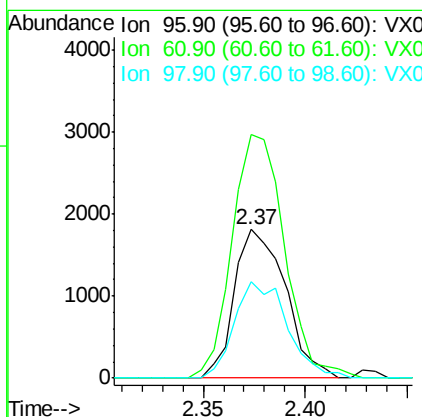
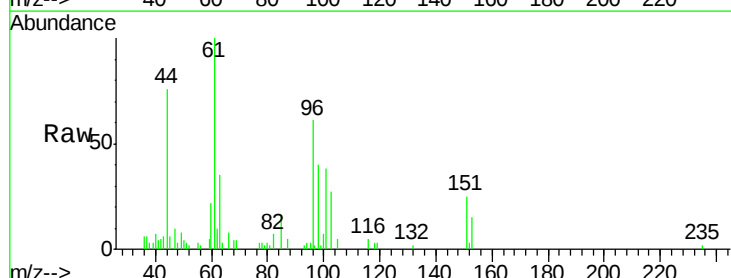
RT: 2.37 min Scan# 293

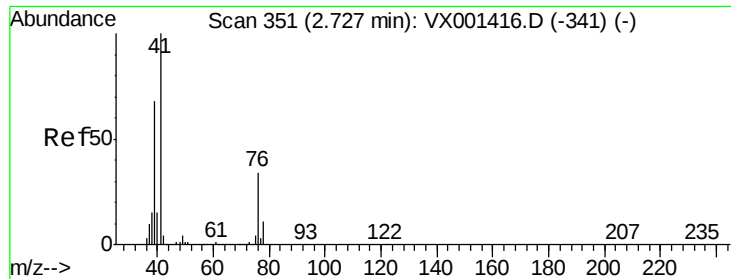
Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Tgt Ion:	96	Resp:	3138
Ion	Ratio	Lower	Upper
96	100		
61	163.7	125.7	188.5
98	65.1	52.0	78.0





#14

Allvl chloride

Concen: 1.188 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

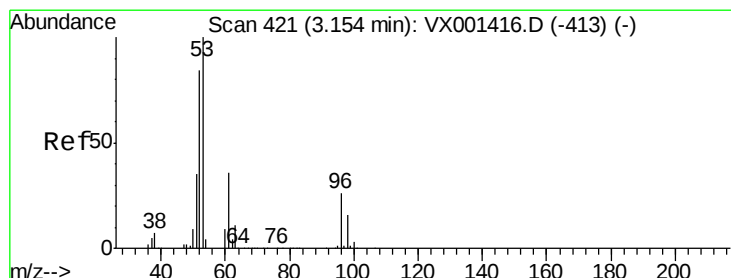
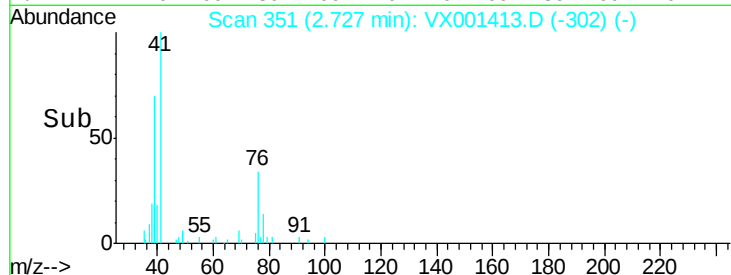
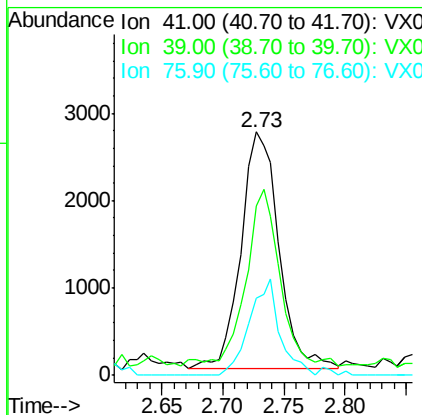
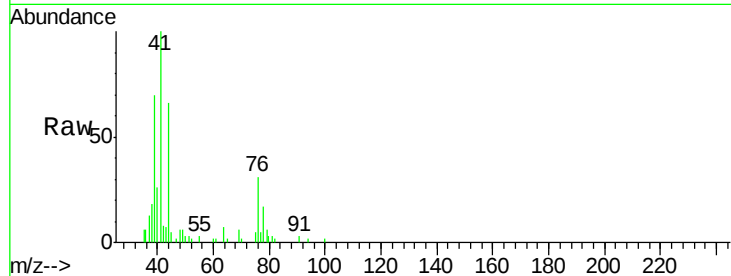
ClientSampleId :

VSTDIC001

Tot Ion:	41	Resp:	5851
Ion	Ratio	Lower	Upper
41	100		
39	66.0	52.4	78.6
76	32.6	25.8	38.6

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#15

Acrylonitrile

Concen: 6.356 ug/l

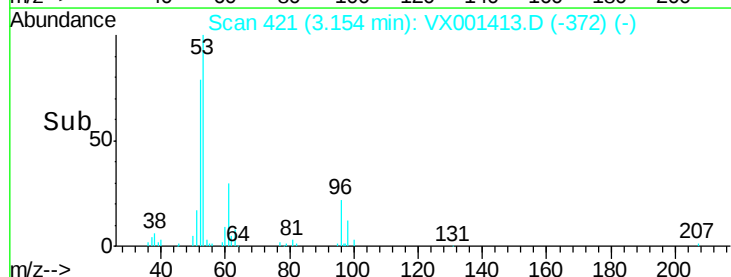
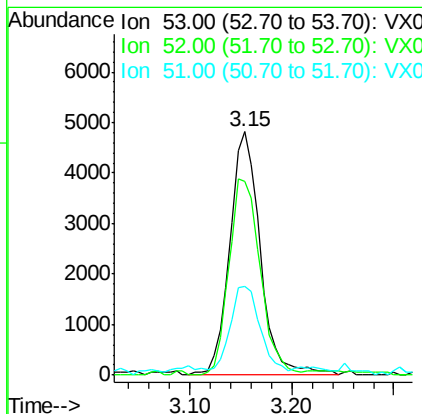
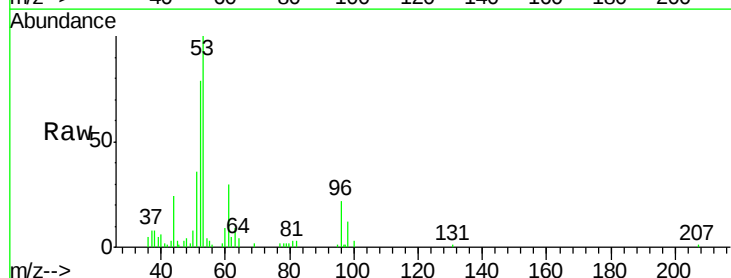
RT: 3.15 min Scan# 421

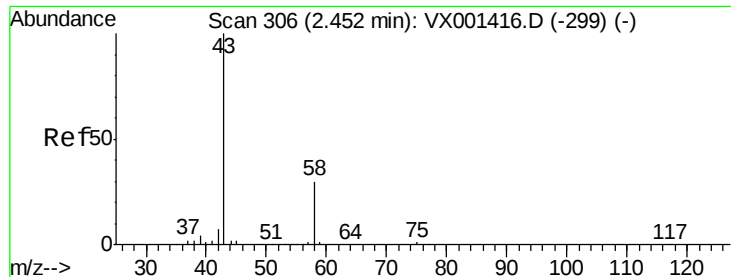
Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Tgt Ion:	53	Resp:	9957
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.2	99.2
51	35.1	28.6	43.0





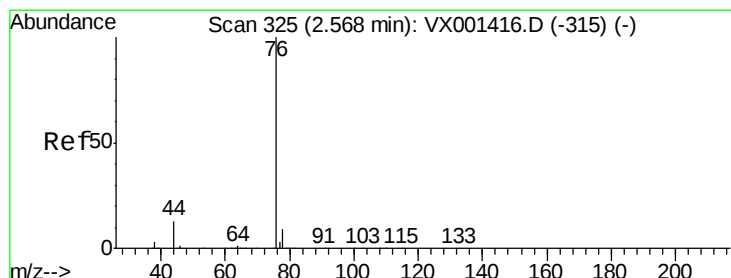
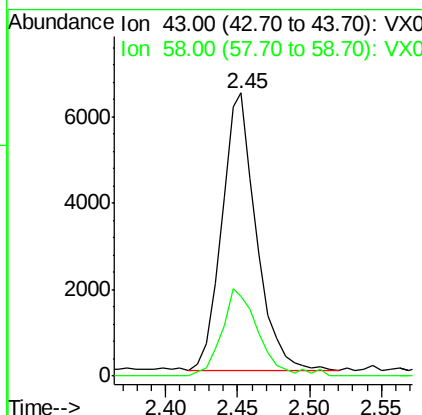
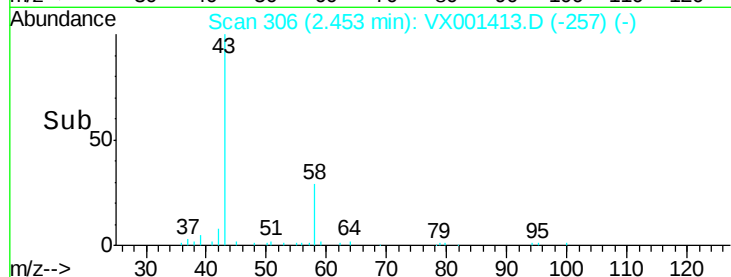
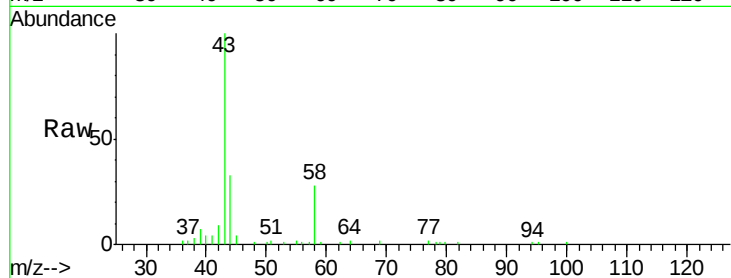
#16
Acetone
Concen: 6.589 ug/l
RT: 2.45 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	43	58	Resp	Lower	Upper
10750	100	28.7		23.8	35.8

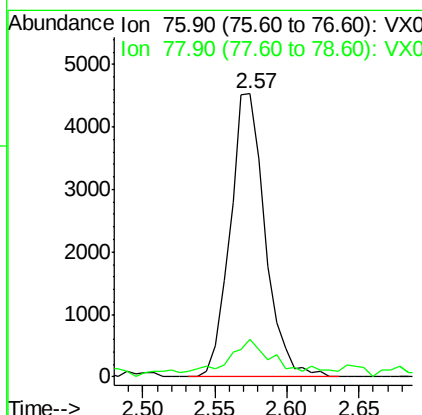
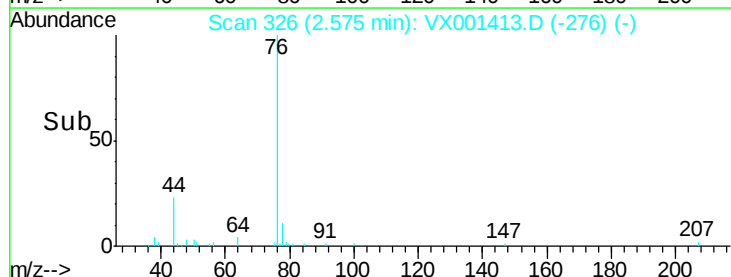
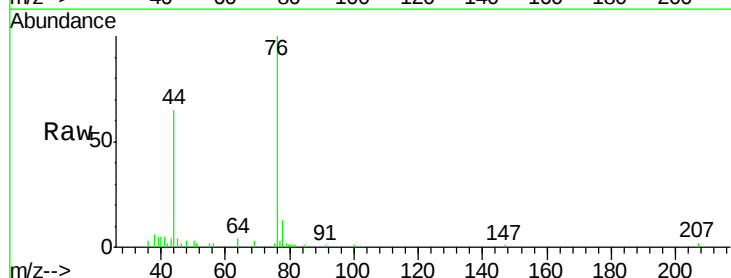
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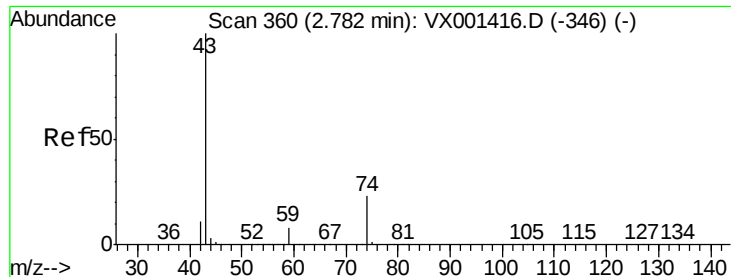
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#17
Carbon Disulfide
Concen: 1.053 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion	76	78	Resp	Lower	Upper
7679	100	11.4		7.4	11.2#





#18

Methyl Acetate

Concen: 1.301 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 5108

Ion Ratio Lower Upper

43 100

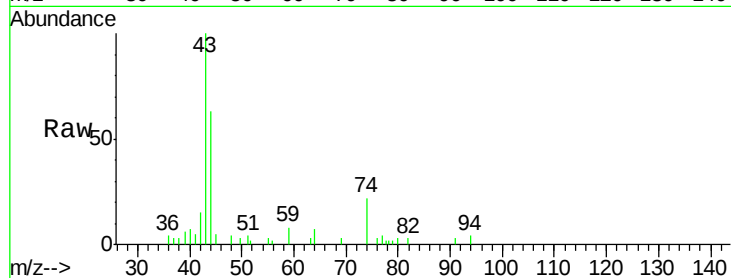
74 25.4 18.6 27.8

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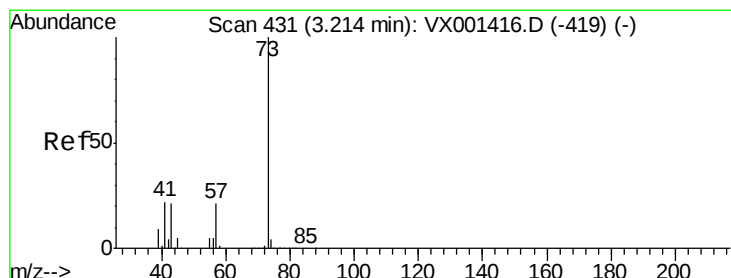
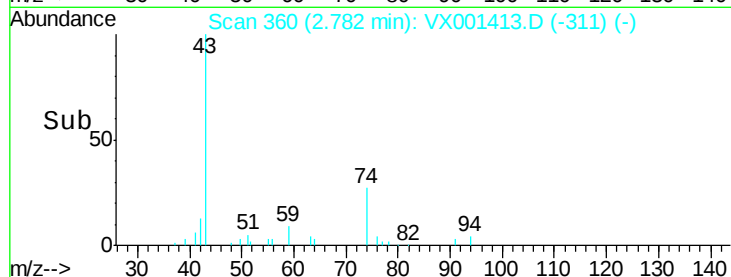
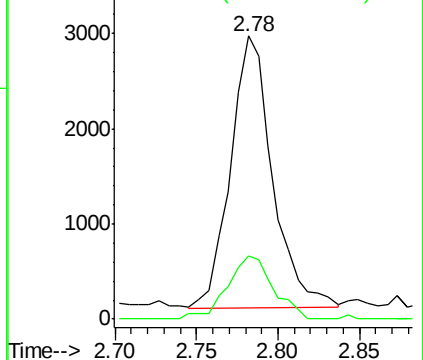
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#19

Methyl tert-butyl Ether

Concen: 1.166 ug/l

RT: 3.21 min Scan# 430

Delta R.T. -0.01 min

Lab File: VX001413.D

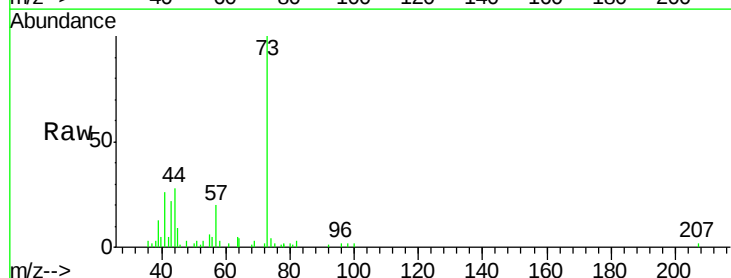
Acq: 05 May 2018 12:04

Tgt Ion: 73 Resp: 11088

Ion Ratio Lower Upper

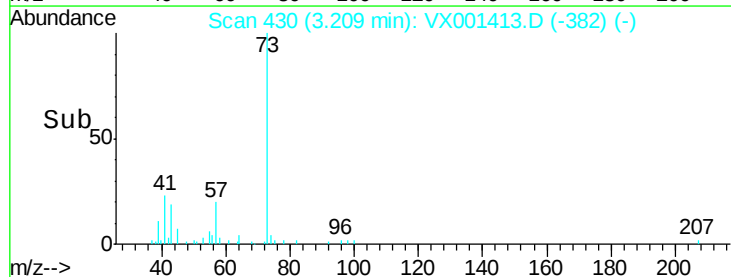
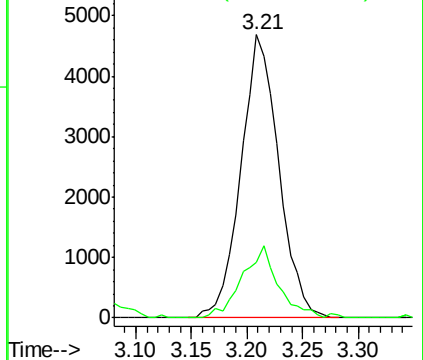
73 100

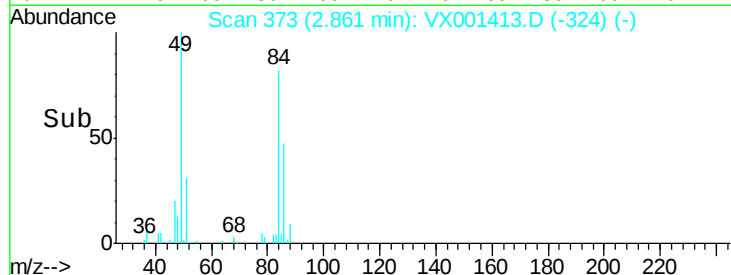
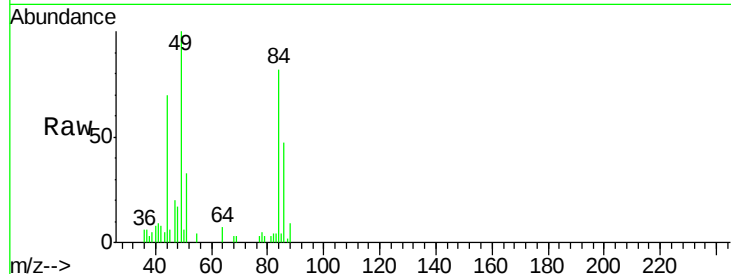
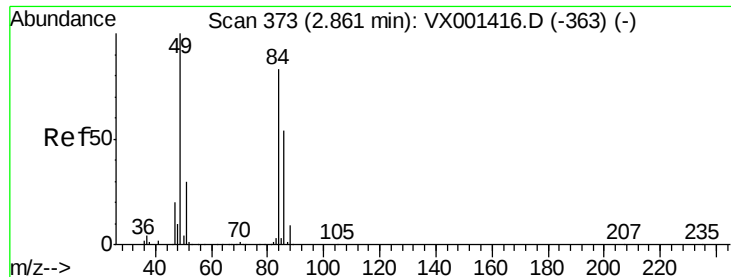
57 19.6 17.0 25.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

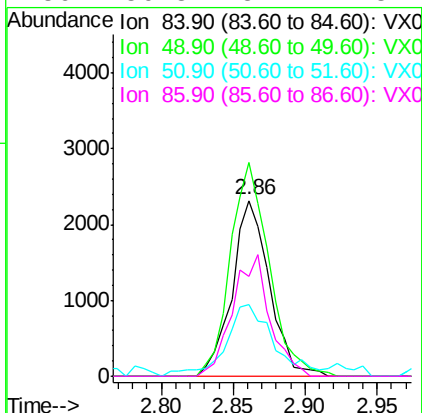
Ion 57.00 (56.70 to 57.70): VX0





#20
Methvlene Chloride
Concen: 1.174 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

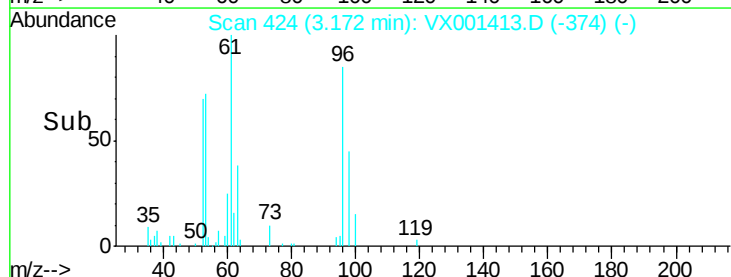
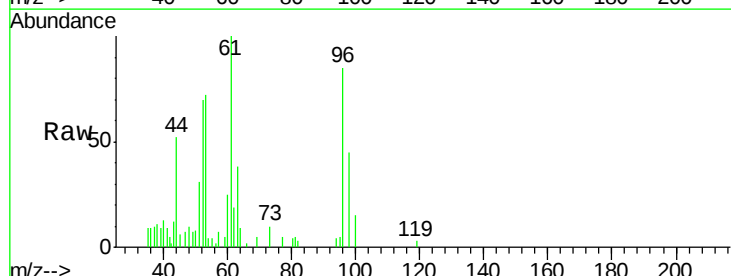
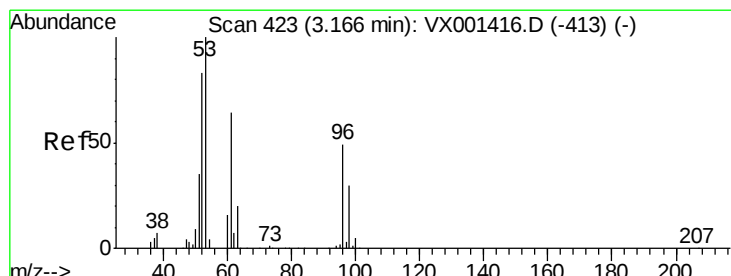
Tot Ion:	84	Resp:	4171
Ion	Ratio	Lower	Upper
84	100		
49	121.4	96.6	144.8
51	37.4	29.0	43.4
86	56.8	52.2	78.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

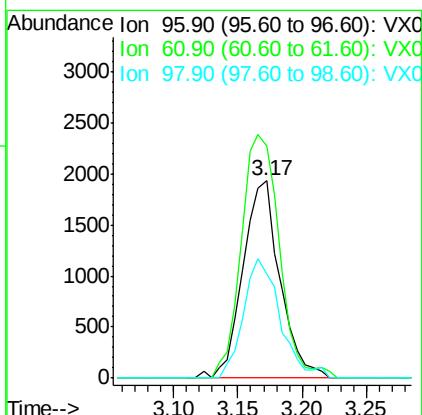
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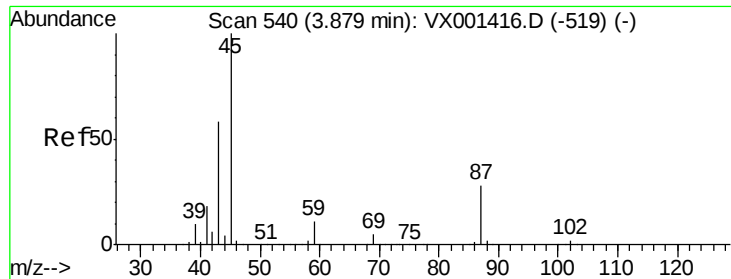
apatel
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#21
trans-1,2-Dichloroethene
Concen: 1.256 ug/l
RT: 3.17 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion:	96	Resp:	3824
Ion	Ratio	Lower	Upper
96	100		
61	117.7	105.0	157.4
98	52.9	49.9	74.9





#22

Diisopropyl ether

Concen: 1.220 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

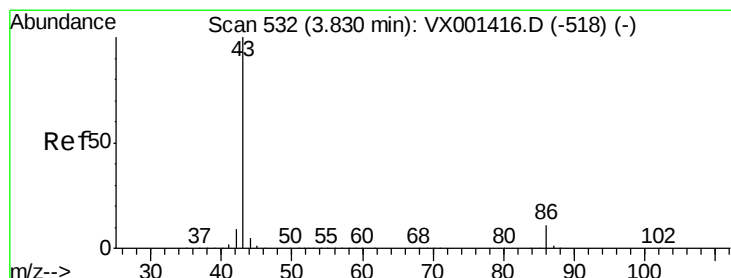
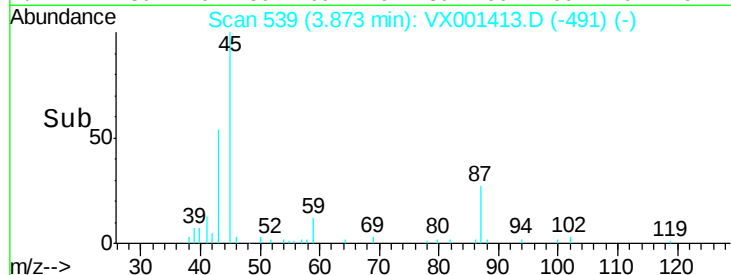
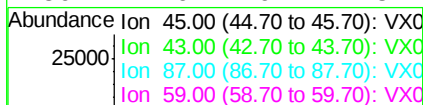
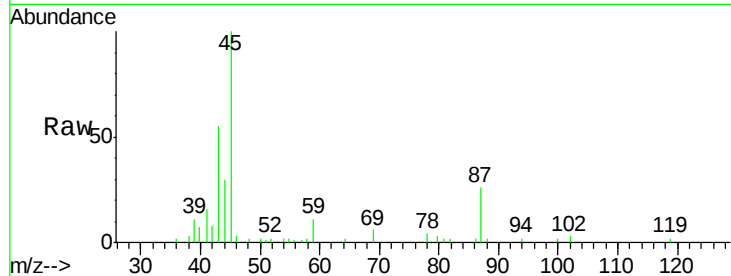
ClientSampleId :

VSTDIC001

Tot Ion:	45	Resp:	11515
Ion	Ratio	Lower	Upper
45	100		
43	50.5	46.5	69.7
87	26.5	22.6	34.0
59	11.6	9.1	13.7

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#23

Vinyl Acetate

Concen: 5.539 ug/l

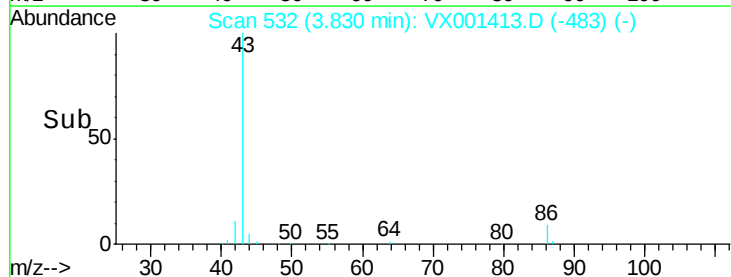
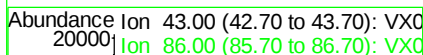
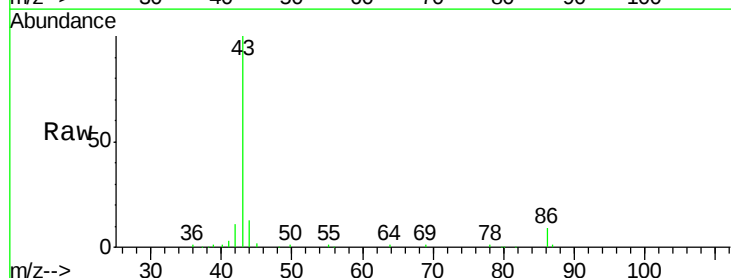
RT: 3.83 min Scan# 532

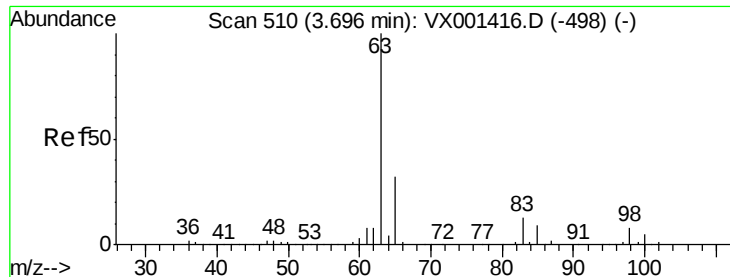
Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Tgt Ion:	43	Resp:	44242
Ion	Ratio	Lower	Upper
43	100		
86	9.4	8.6	13.0





#24

1,1-Dichloroethane

Concen: 1.212 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

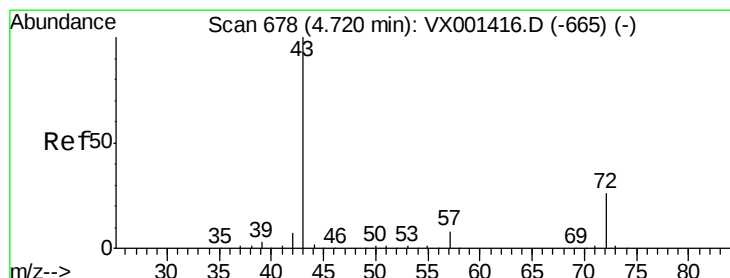
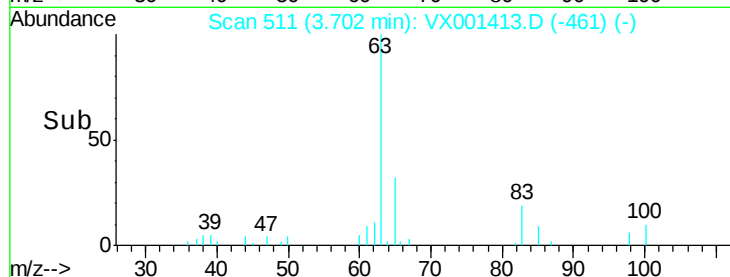
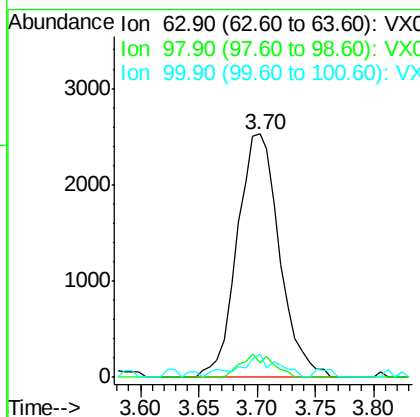
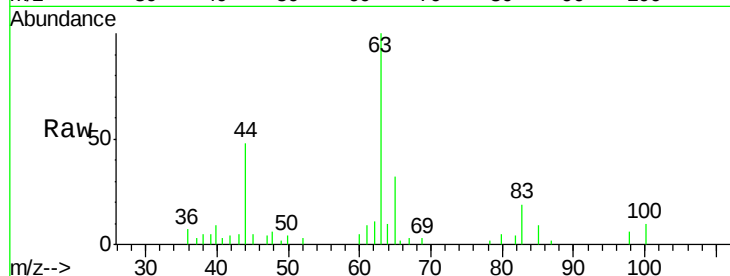
ClientSampleId :

VSTDIC001

Tot Ion:	63	Resp:	6384
Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.8	11.4
100	9.8	2.4	7.1#

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#25

2-Butanone

Concen: 6.261 ug/l

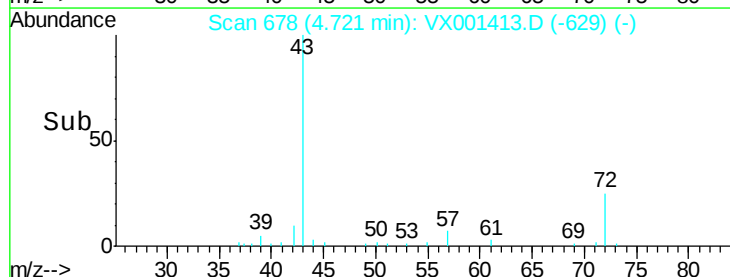
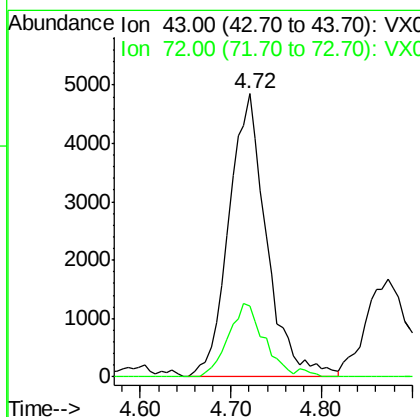
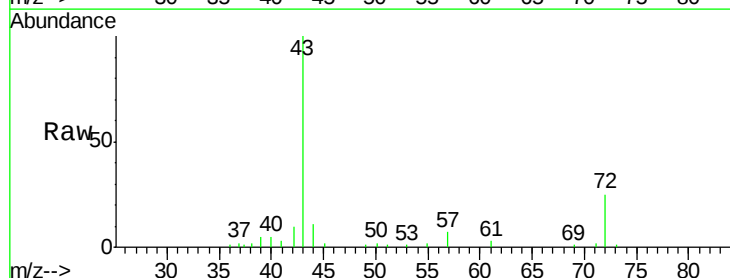
RT: 4.72 min Scan# 678

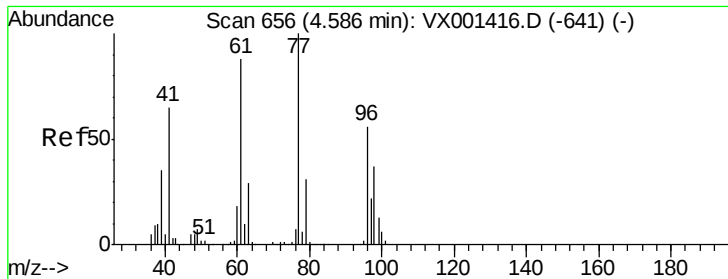
Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Tgt Ion:	43	Resp:	14031
Ion	Ratio	Lower	Upper
43	100		
72	25.2	20.7	31.1





#26

2,2-Dichloropropane

Concen: 1.060 ug/l m

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 77 Resp: 4516

Ion Ratio Lower Upper

77 100

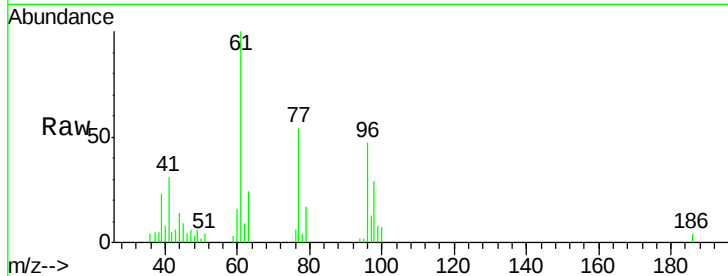
97 12.8 11.2 33.6

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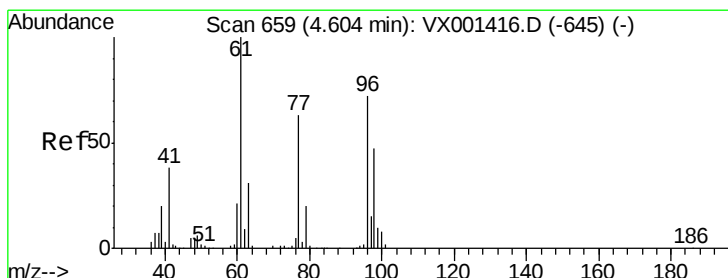
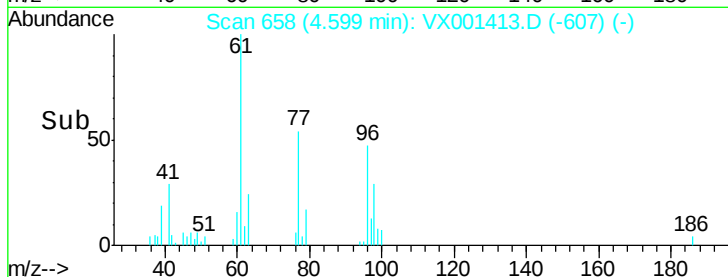
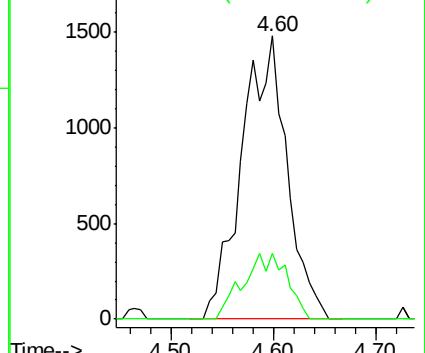
apatel

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Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 1.123 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

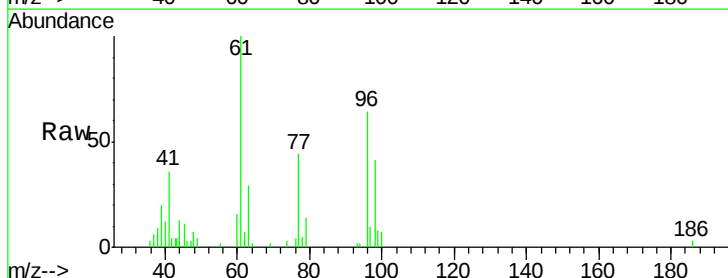
Tgt Ion: 96 Resp: 3743

Ion Ratio Lower Upper

96 100

61 234.7 0.0 301.6

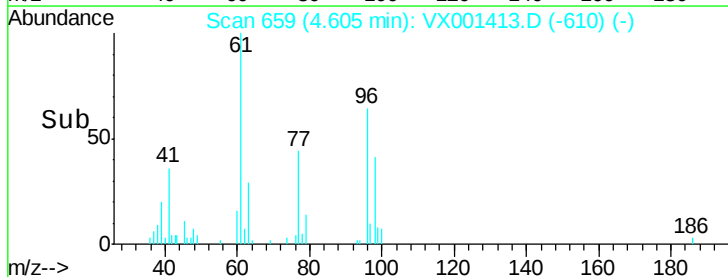
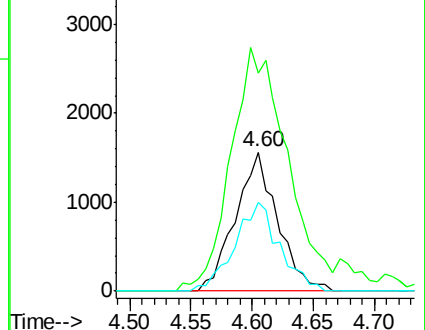
98 67.5 0.0 131.6

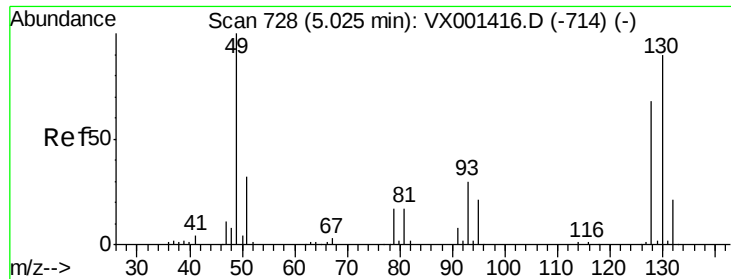


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





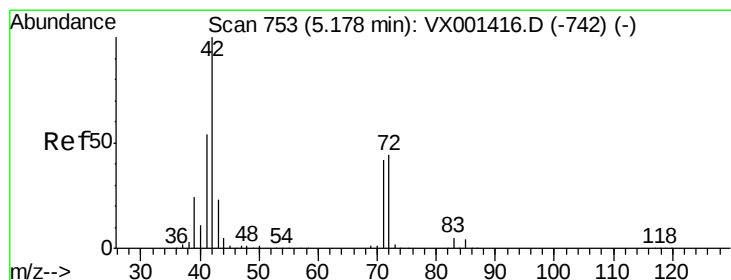
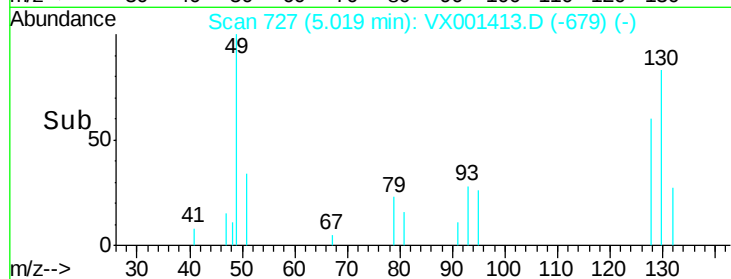
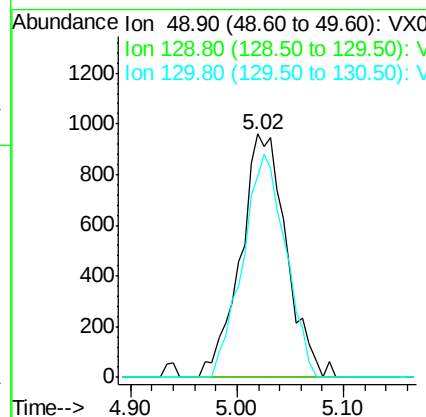
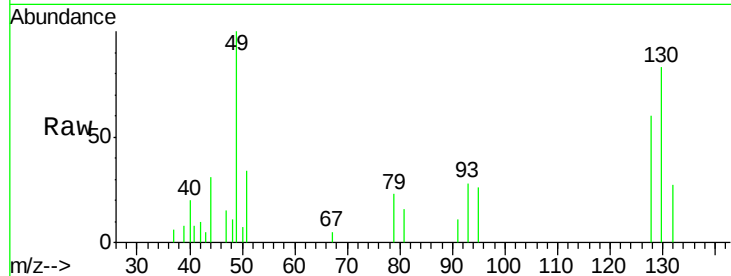
#28
Bromochloromethane
Concen: 1.244 ug/l
RT: 5.02 min Scan# 727
Delta R.T. -0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 49 Resp: 2900
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 86.0 71.9 107.9

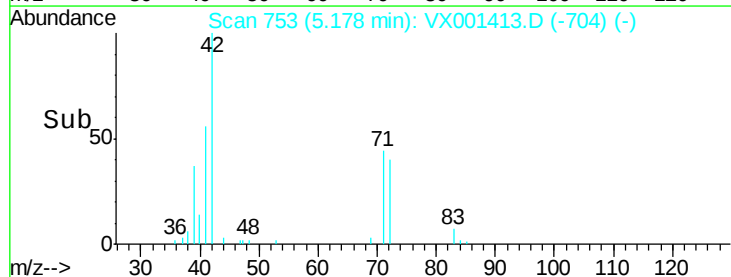
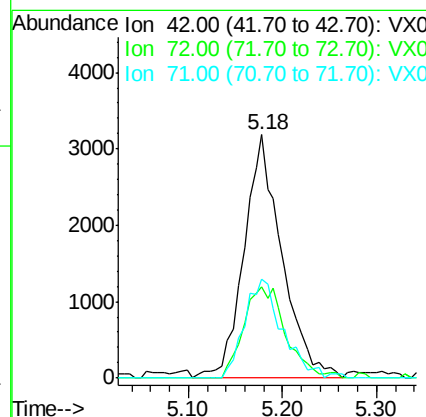
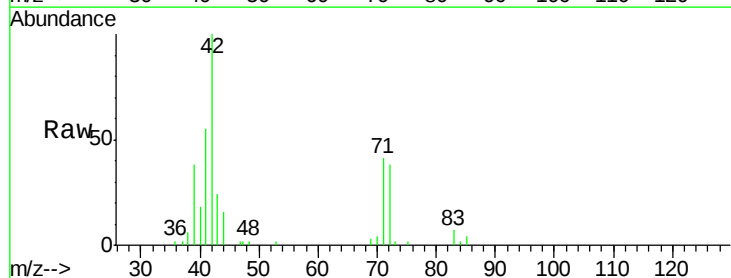
Manual Integrations
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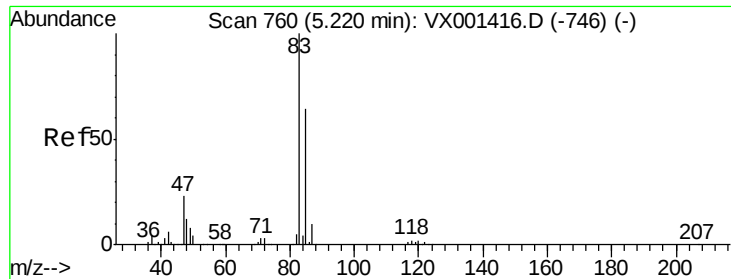
apatel
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#29
Tetrahydrofuran
Concen: 6.445 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion: 42 Resp: 8953
Ion Ratio Lower Upper
42 100
72 42.1 35.4 53.2
71 41.0 33.0 49.4





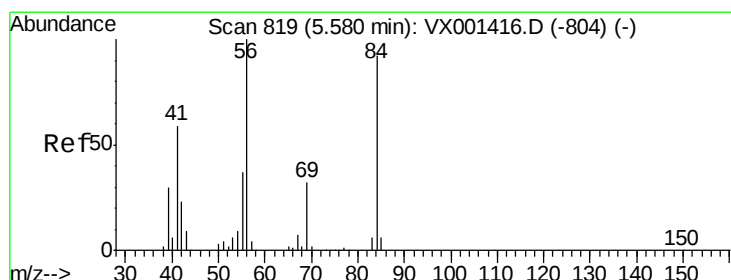
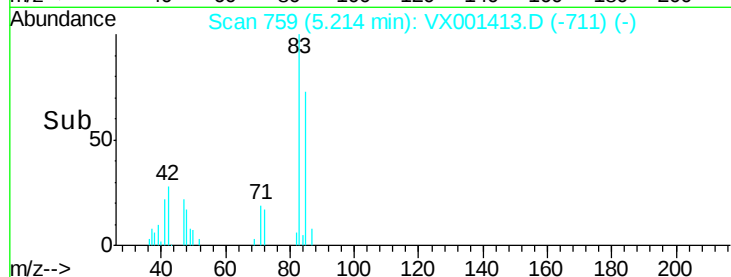
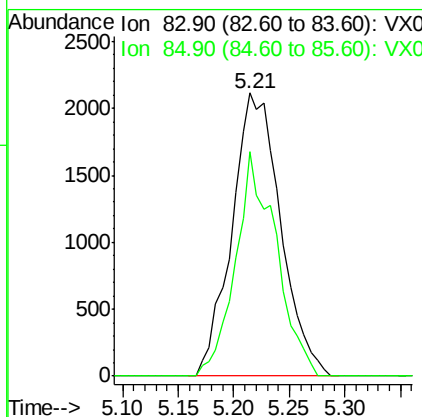
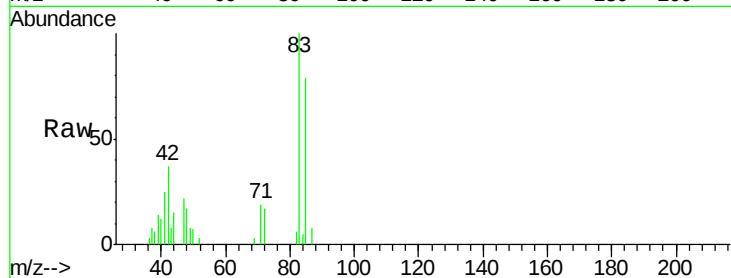
#30
Chloroform
Concen: 1.162 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	83	Resp	6442
Ion Ratio	100	Lower	Upper
85	79.4	51.0	76.4#

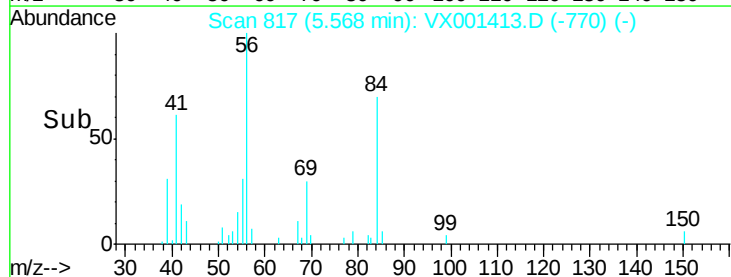
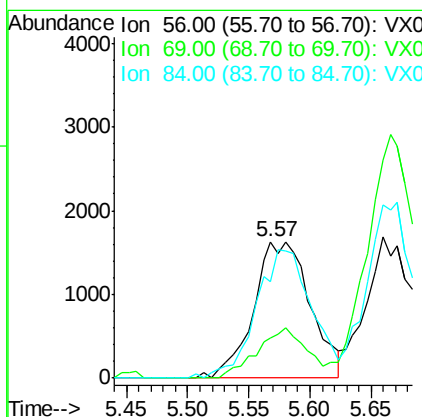
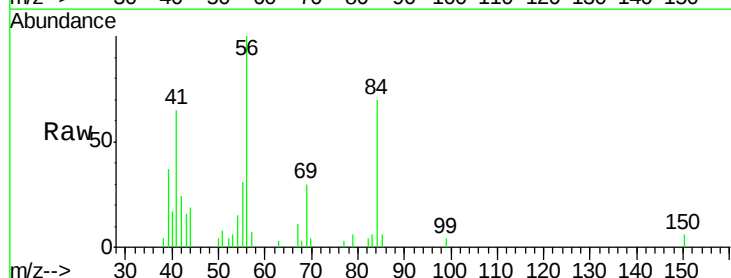
Manual Integrations
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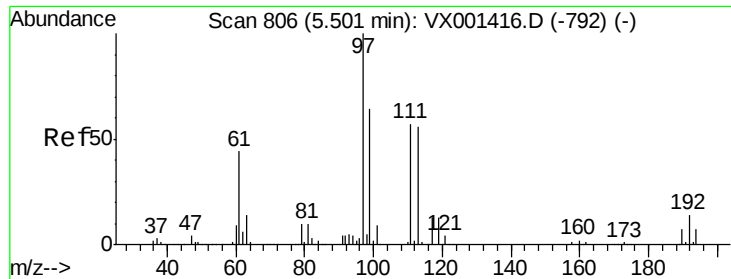
apatel
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#31
Cyclohexane
Concen: 1.109 ug/l
RT: 5.57 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion	56	Resp	5251
Ion Ratio	100	Lower	Upper
69	29.7	25.4	38.0
84	70.4	73.8	110.8#





#32

1,1,1-Trichloroethane

Concen: 1.073 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

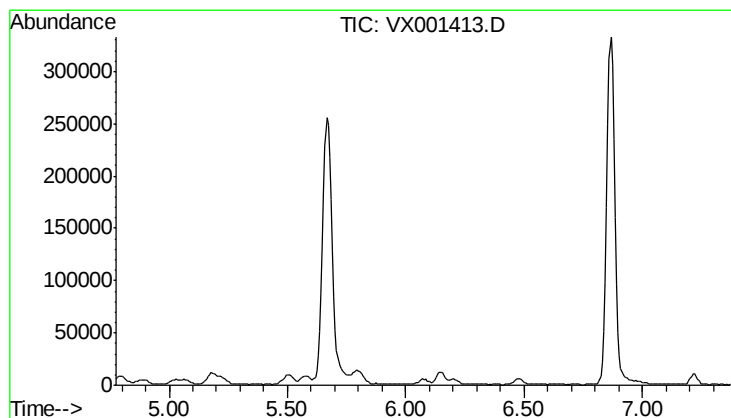
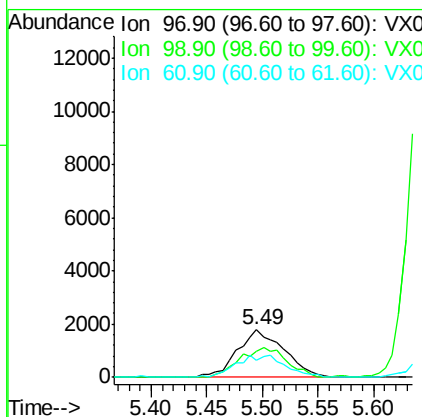
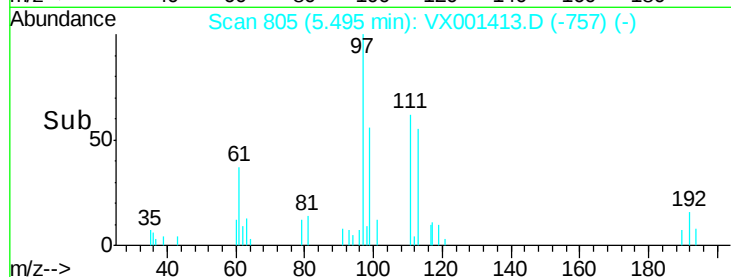
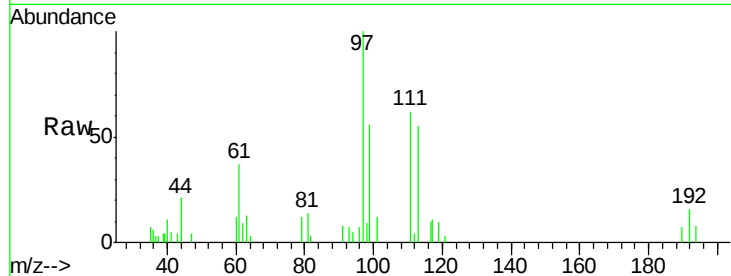
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	5200
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.3	76.9#
61	48.8	34.8	52.2

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.07 min

Lab File: VX001413.D

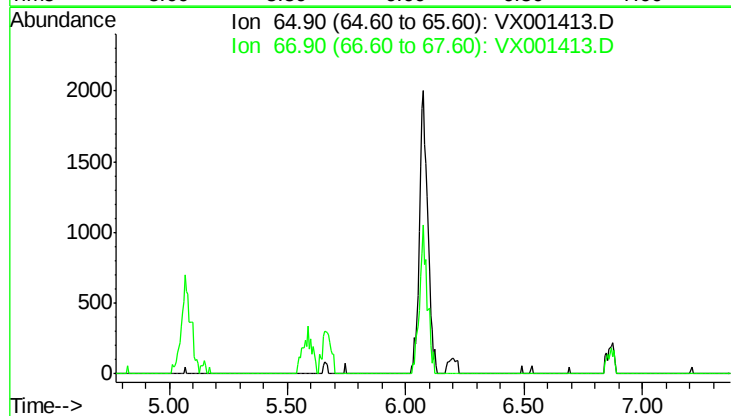
Acq: 05 May 2018 12:04

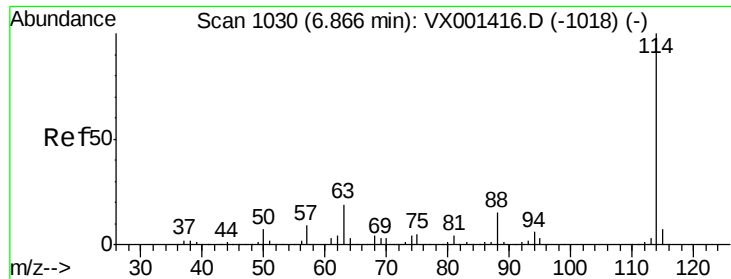
Tgt Ion: 65

Sig Exp Ratio

65 100

67 50.9





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

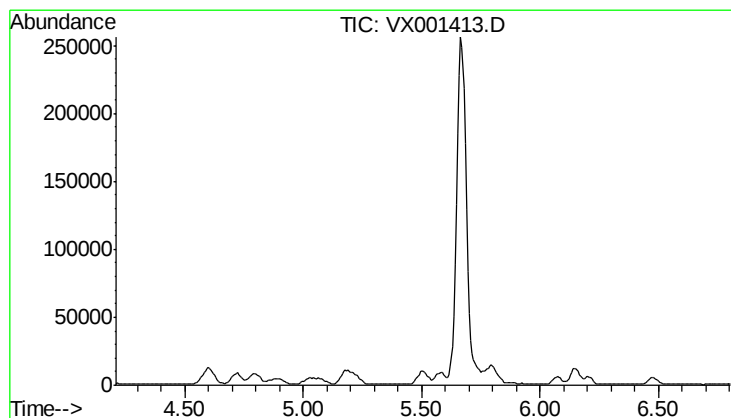
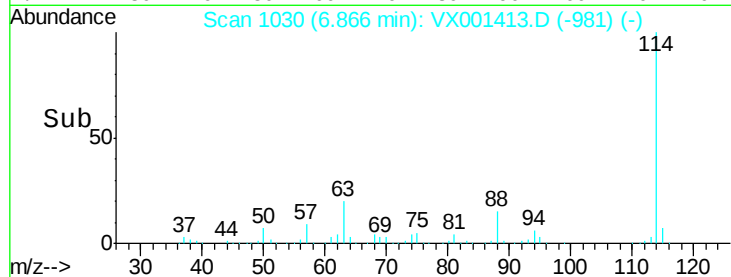
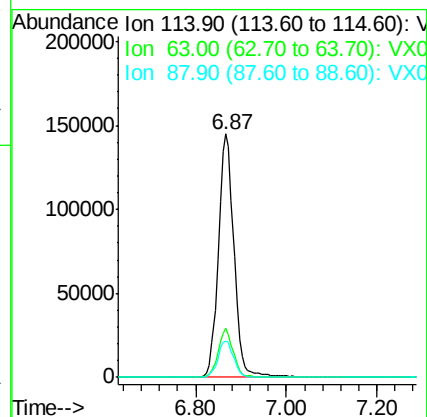
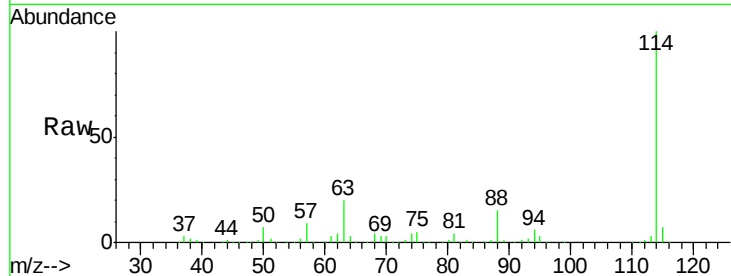
ClientSampleId :

VSTDIC001

Tot Ion:	114	Resp:	351048
Ion Ratio	Lower	Upper	
114	100		
63	20.2	0.0	38.6
88	14.9	0.0	30.8

Manual Integrations
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#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 5.51 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

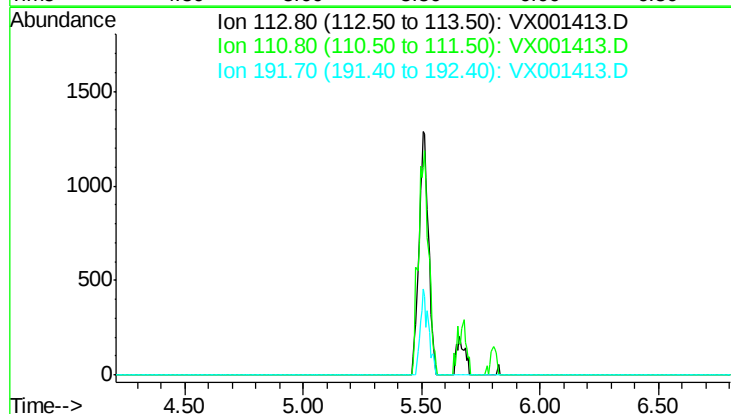
Tgt Ion: 113

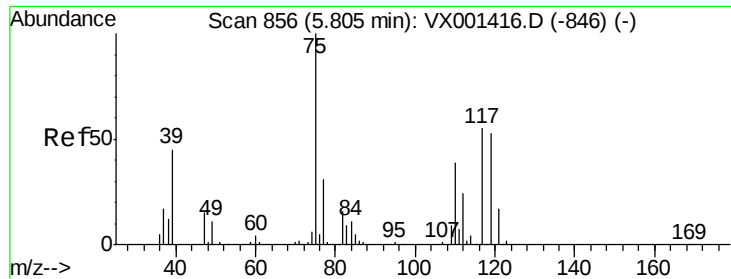
Sig Exp Ratio

113 100

111 102.7

192 26.7





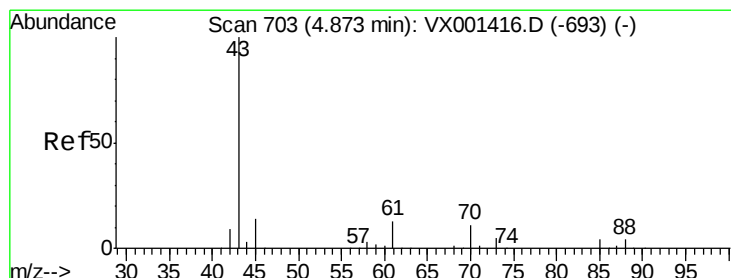
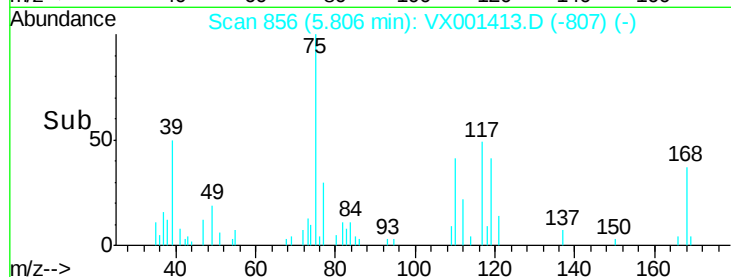
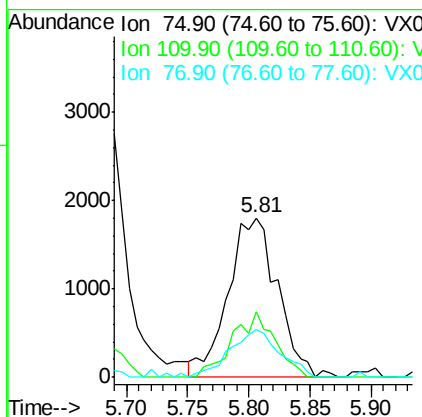
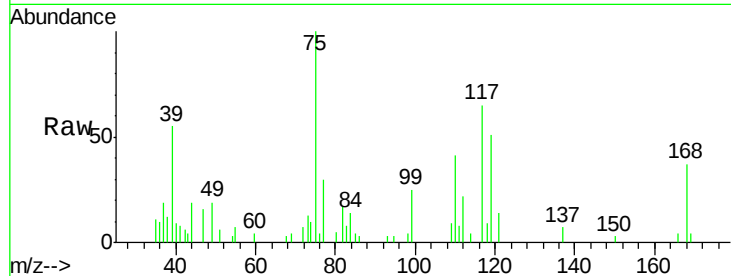
#36
 1,1-Dichloropropene
 Concen: 1.227 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.2	18.9	56.7
77	30.2	24.9	37.3

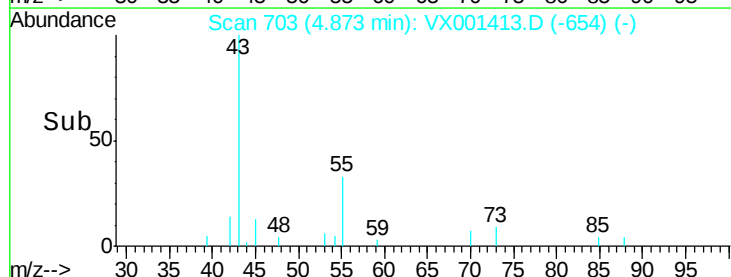
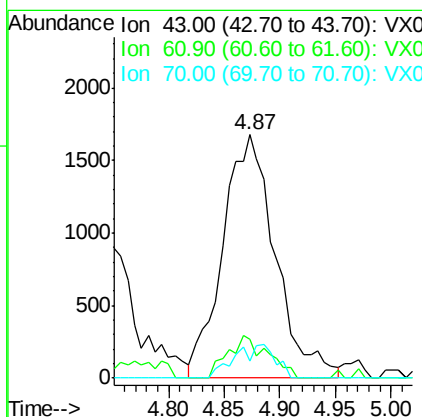
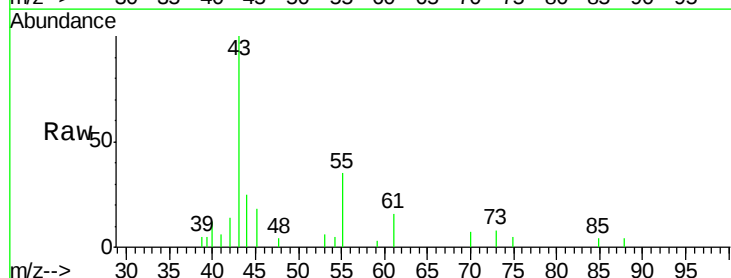
Manual Integrations
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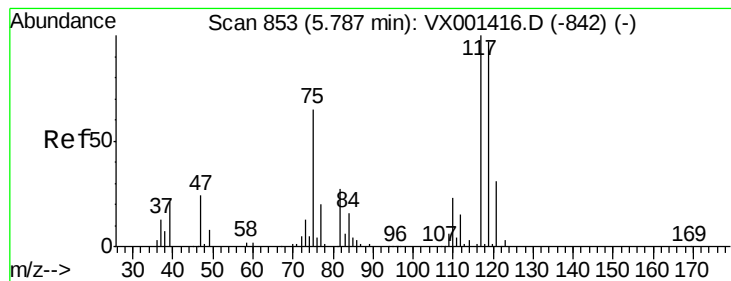
apatel
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#37
 Ethyl Acetate
 Concen: 1.300 ug/l
 RT: 4.87 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	4.9	8.4	12.6#





#38

Carbon Tetrachloride

Concen: 1.119 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

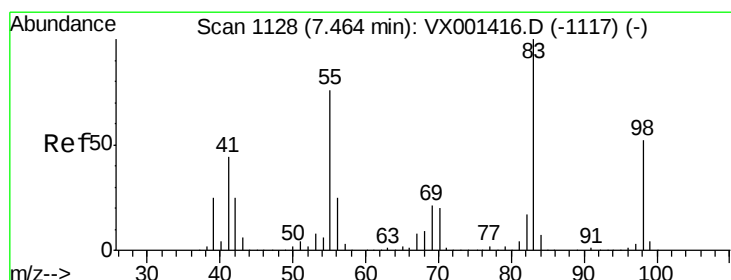
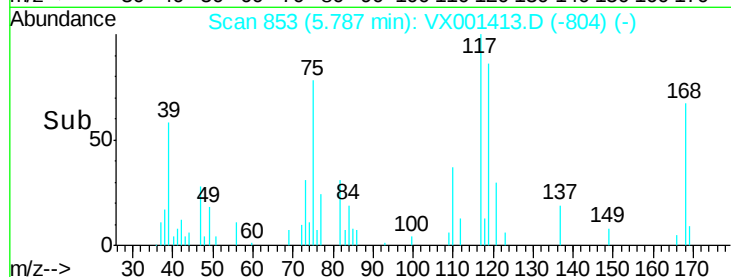
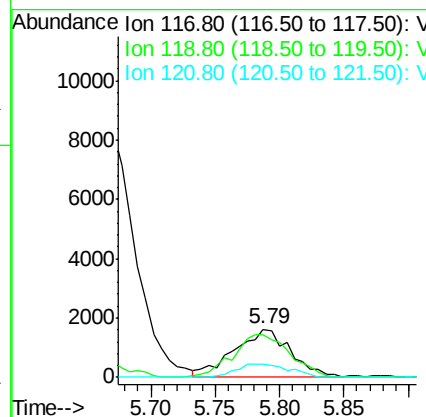
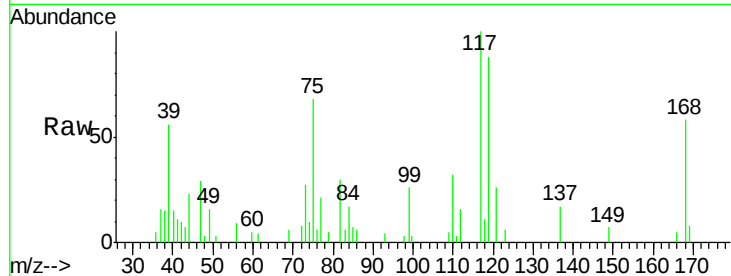
ClientSampled :

VSTDIC001

Tot Ion:	117	Resp:	4875
Ion	Ratio	Lower	Upper
117	100		
119	87.9	77.0	115.6
121	26.5	25.1	37.7

Manual Integrations
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#39

Methylcyclohexane

Concen: 1.125 ug/l

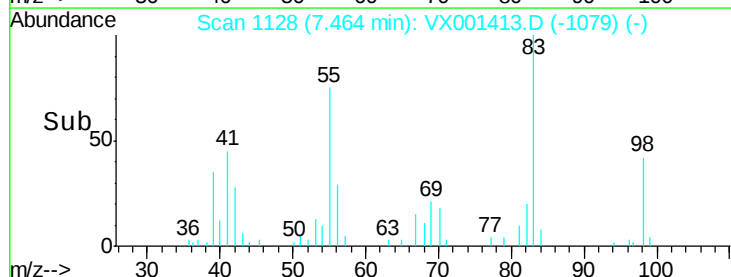
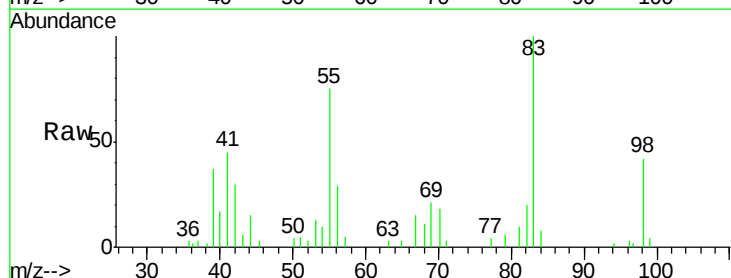
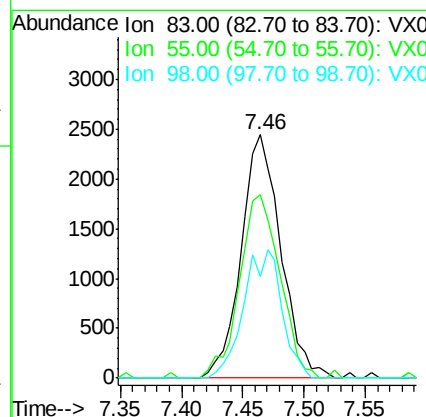
RT: 7.46 min Scan# 1128

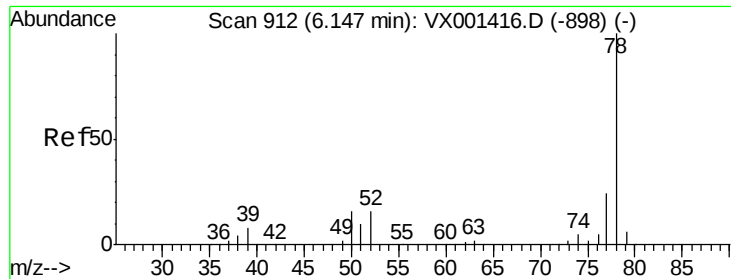
Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Tgt Ion:	83	Resp:	5510
Ion	Ratio	Lower	Upper
83	100		
55	75.3	60.9	91.3
98	41.6	41.9	62.9#





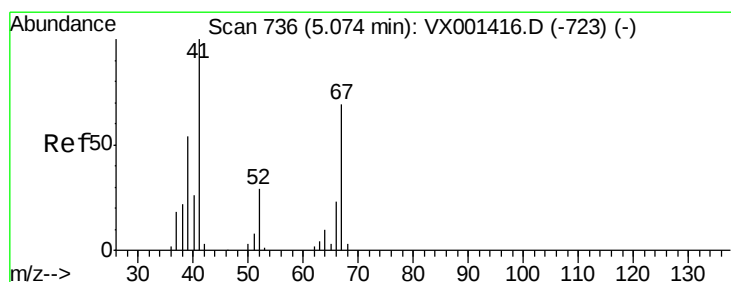
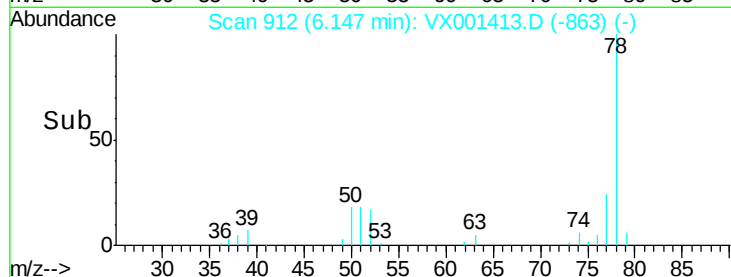
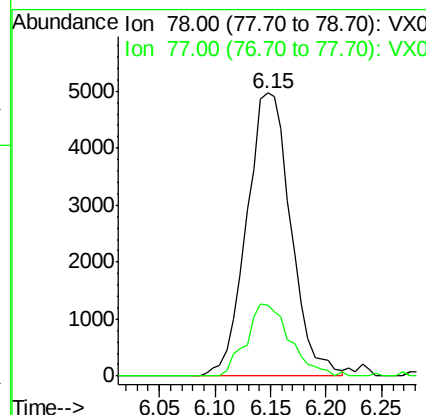
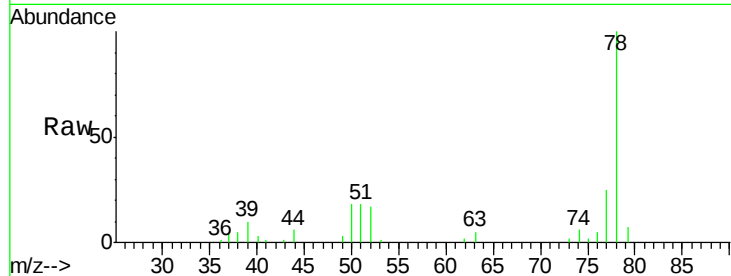
#40
Benzene
Concen: 1.151 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion: 78 Resp: 13721
Ion Ratio Lower Upper
78 100
77 25.0 19.4 29.2

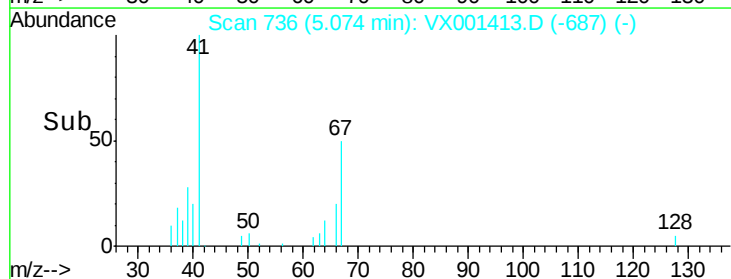
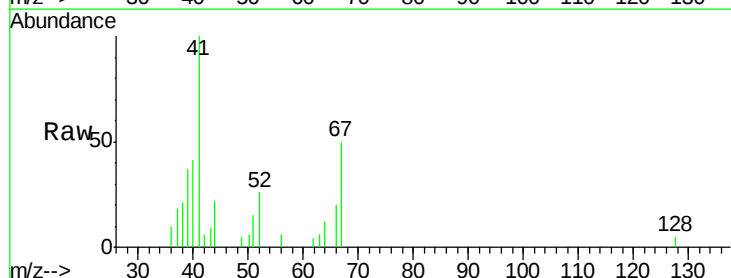
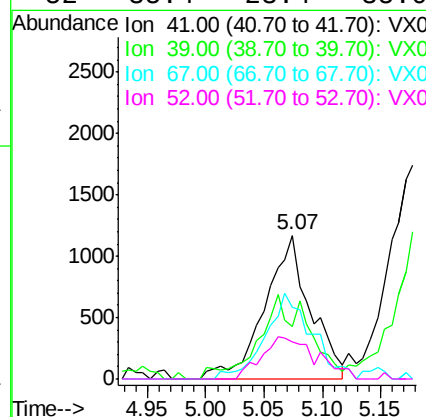
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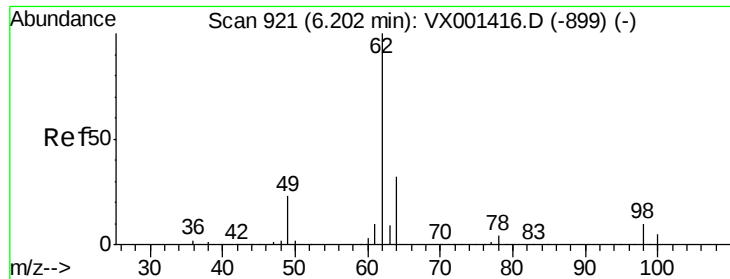
apatel
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#41
Methacrylonitrile
Concen: 1.290 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion: 41 Resp: 3169
Ion Ratio Lower Upper
41 100
39 40.8 45.0 67.6#
67 60.8 55.0 82.6
52 35.4 23.4 35.0#





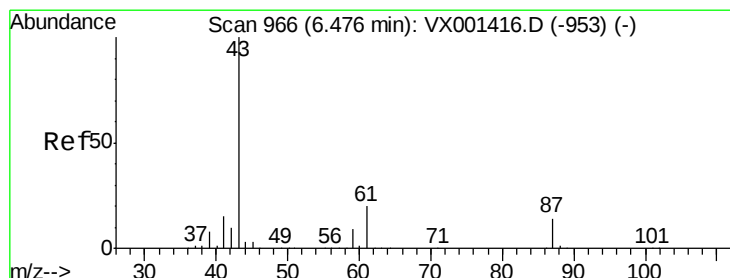
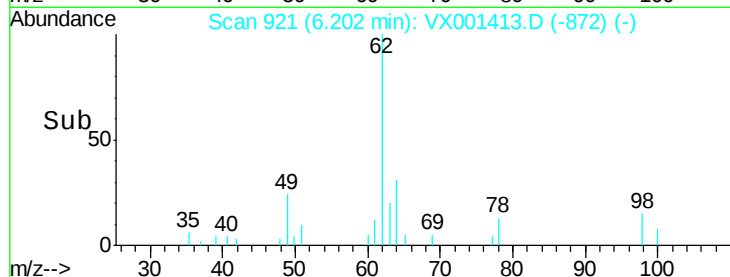
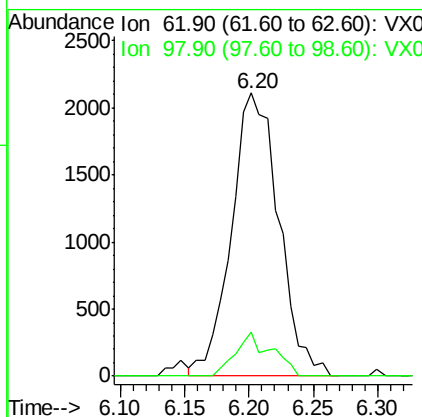
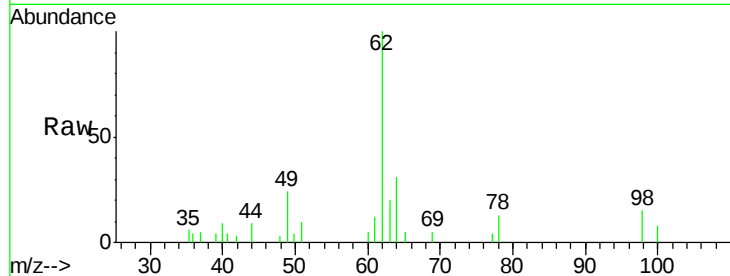
#42
 1,2-Dichloroethane
 Concen: 1.164 ug/l
 RT: 6.20 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	19.0

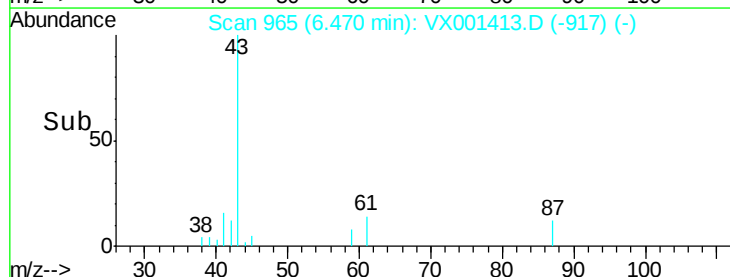
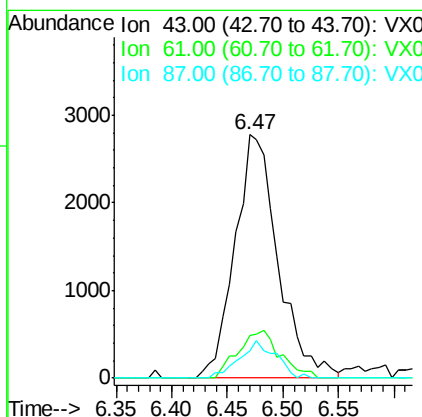
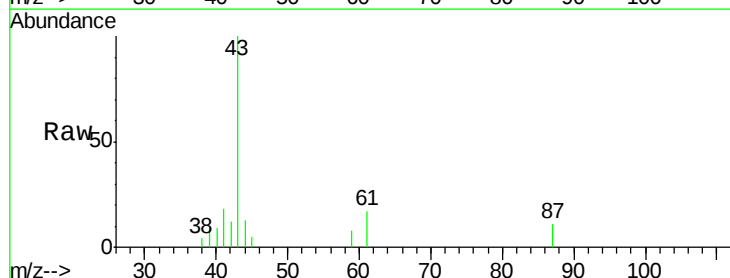
Manual Integrations
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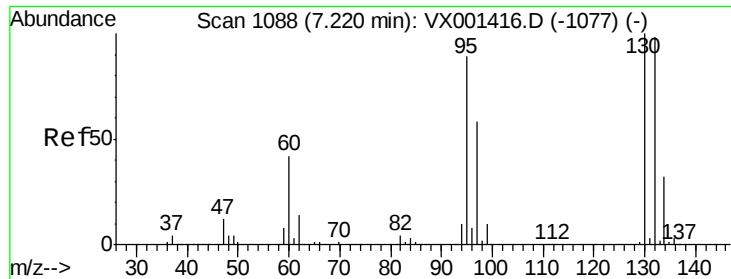
apatel
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#43
 Isopropyl Acetate
 Concen: 1.105 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.4	23.0
87	13.0	10.8	16.2





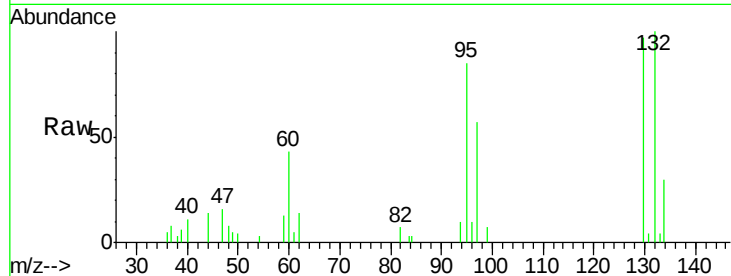
#44
 Trichloroethene
 Concen: 1.152 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

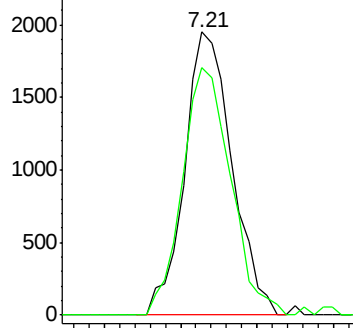
Tot Ion:130 Resp: 4202
 Ion Ratio Lower Upper
 130 100
 95 87.5 0.0 178.4

Manual Integrations
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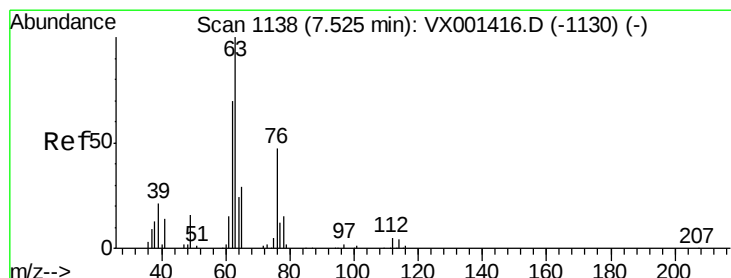
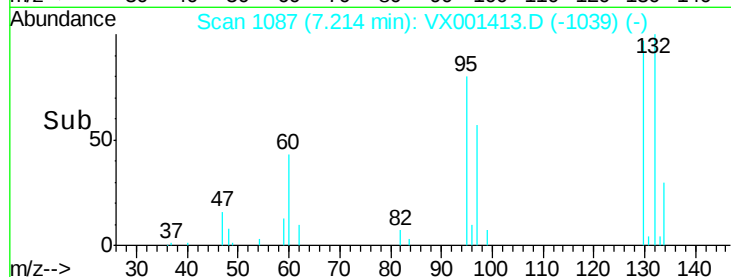
apatel
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Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

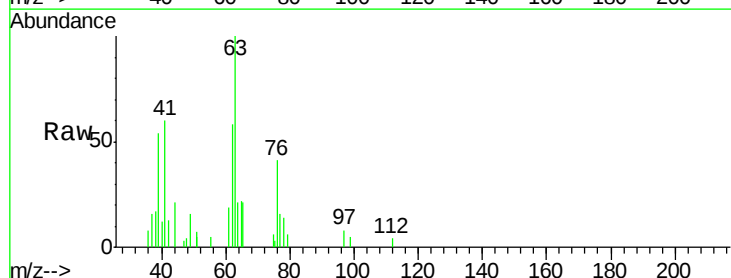


Time-->

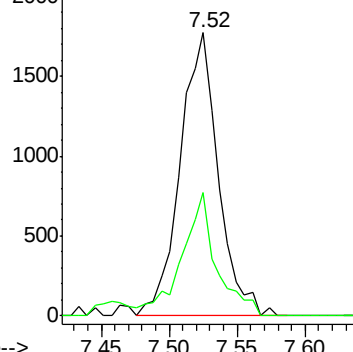


#45
 1,2-Dichloropropane
 Concen: 1.140 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

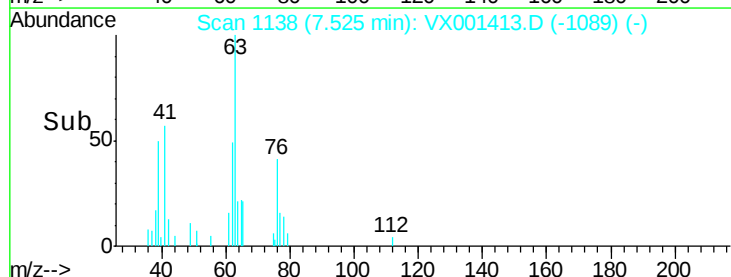
Tgt Ion: 63 Resp: 3462
 Ion Ratio Lower Upper
 63 100
 65 43.6 24.5 36.7#

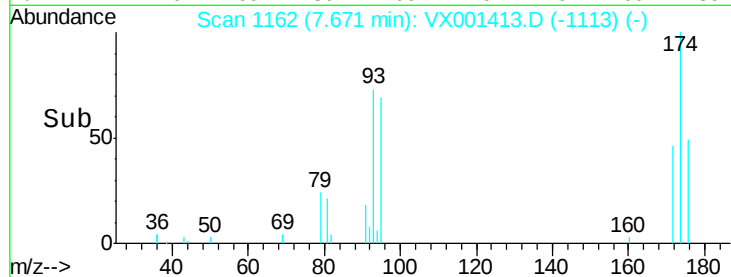
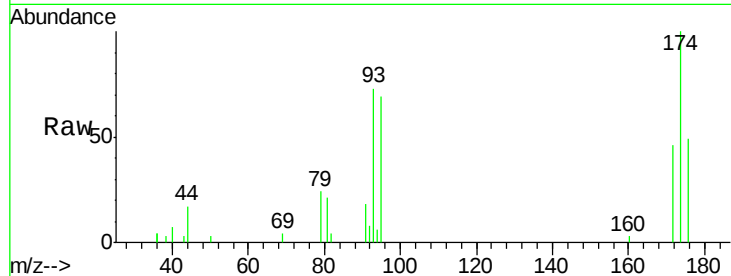
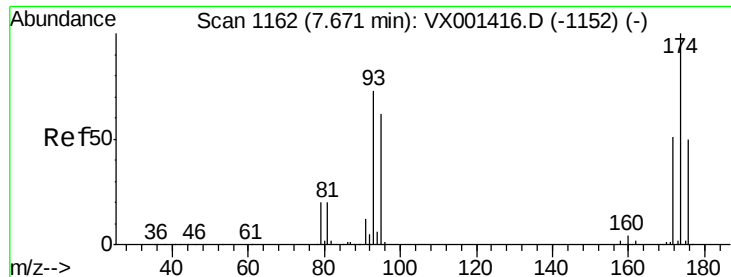


Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 64.90 (64.60 to 65.60): VX0



Time-->





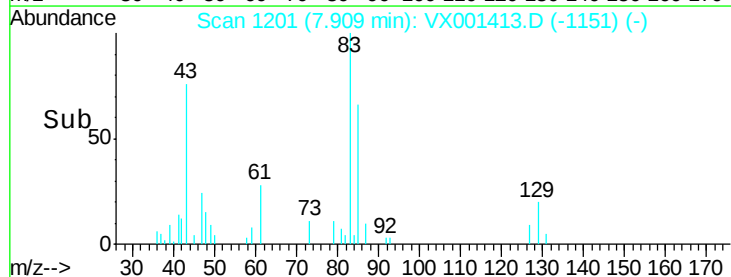
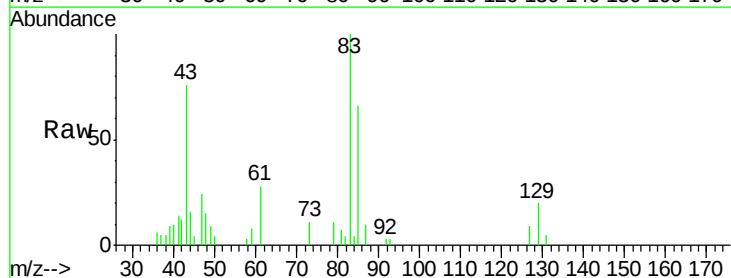
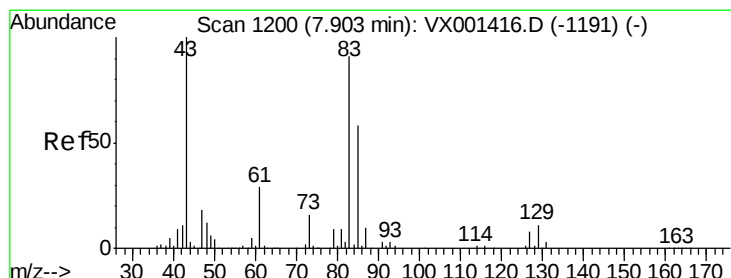
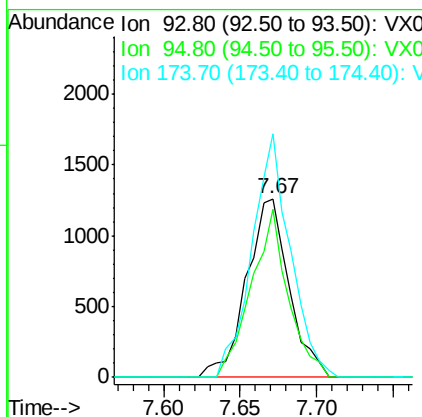
#46
Dibromomethane
Concen: 1.139 ug/l
RT: 7.67 min Scan# 1162
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tot Ion	Ratio	Lower	Upper
93	100		
95	81.6	67.0	100.4
174	123.0	104.5	156.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

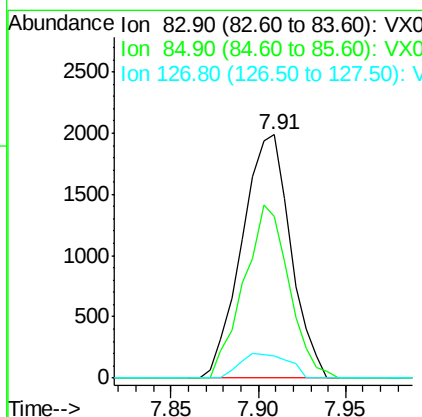
Manual Integrations
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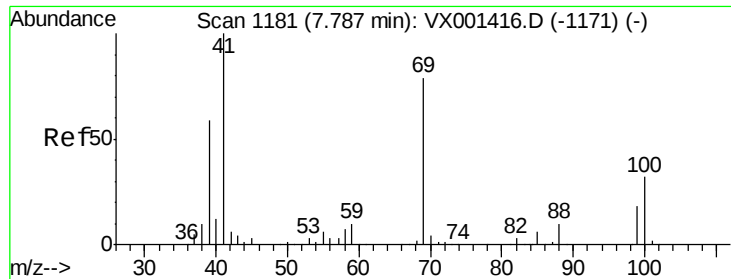
apatel
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#47
Bromodichloromethane
Concen: 1.001 ug/l
RT: 7.91 min Scan# 1201
Delta R.T. 0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.5	51.0	76.6
127	9.2	7.4	11.2





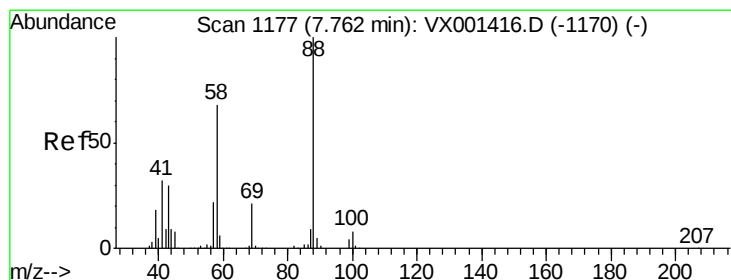
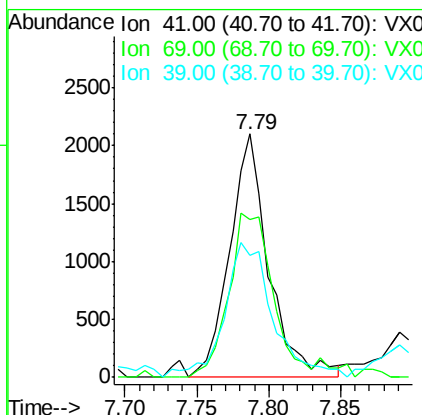
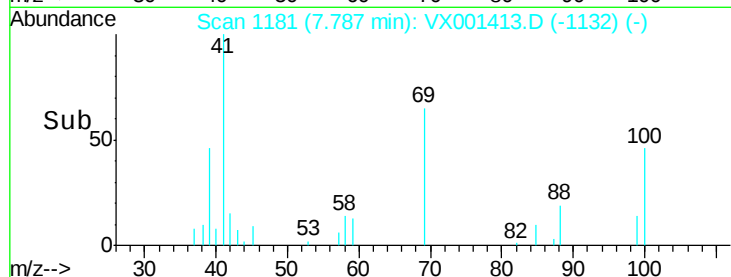
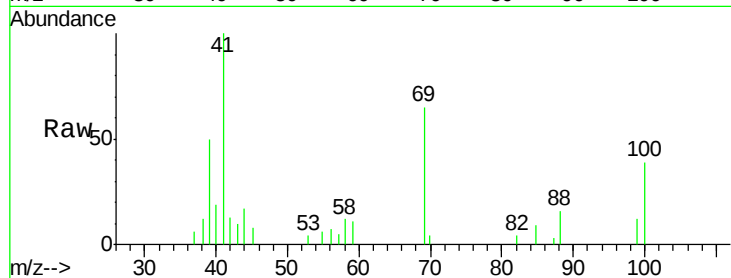
#48
Methvl methacrylate
Concen: 1.098 ug/l
RT: 7.79 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	75.2	63.4	95.2
39	68.2	47.0	70.4

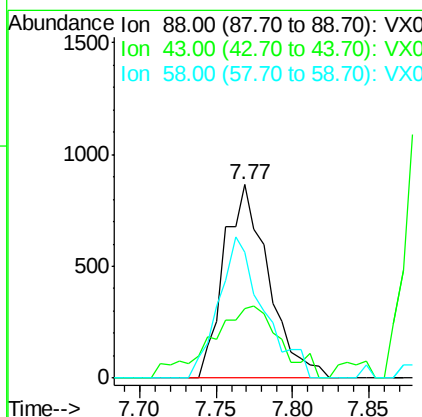
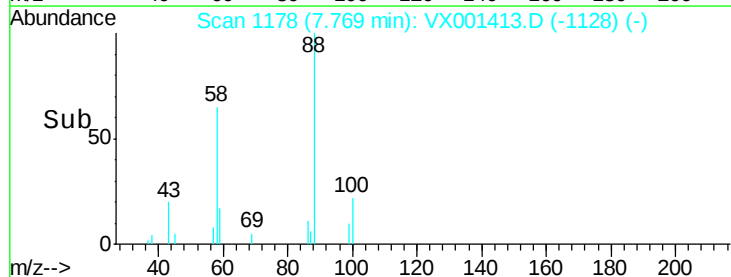
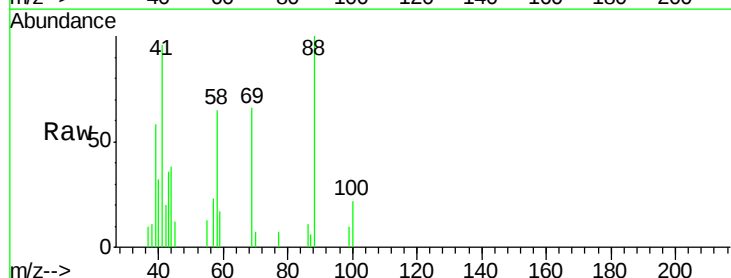
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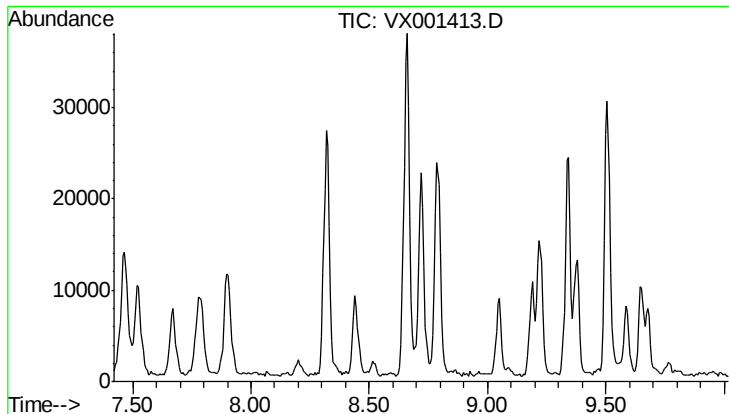
apatel
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#49
1,4-Dioxane
Concen: 24.953 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion	Ratio	Lower	Upper
88	100		
43	58.7	26.4	39.6#
58	73.0	54.1	81.1





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.72 min

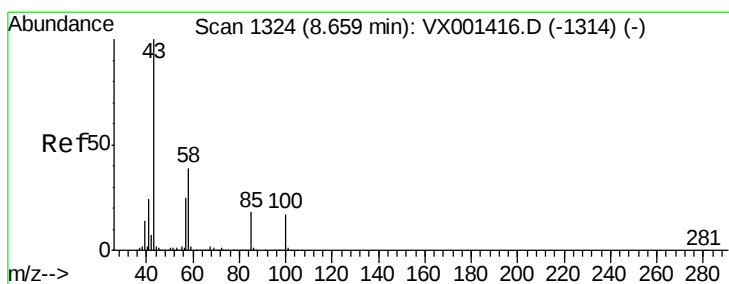
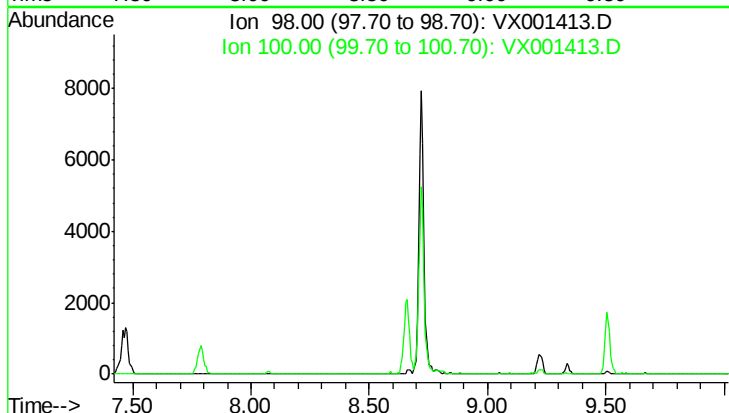
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 67.5

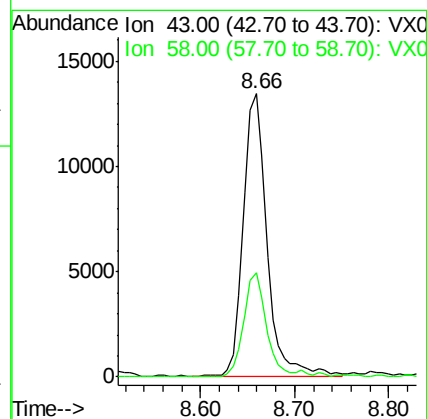
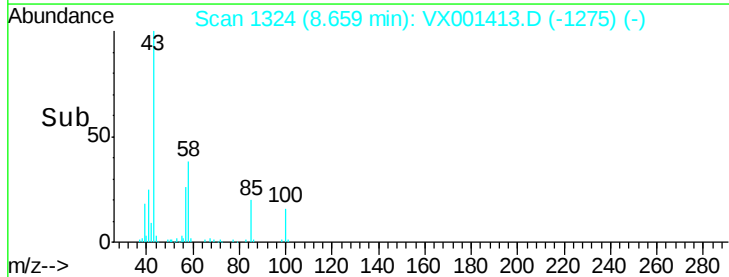
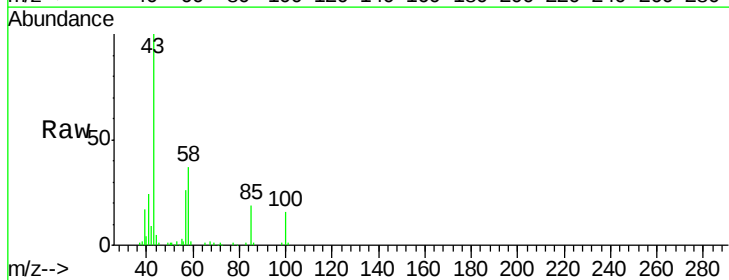
Manual Integrations
APPROVED

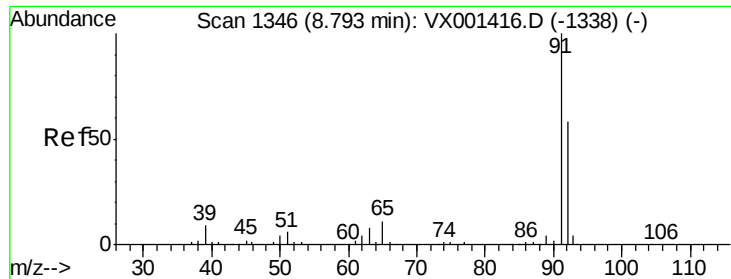
apatel
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#51
4-Methyl-2-Pentanone
Concen: 5.453 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion: 43 Resp: 23916
Ion Ratio Lower Upper
43 100
58 35.5 30.8 46.2





#52

Toluene

Concen: 1.122 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 8748

Ion Ratio Lower Upper

92 100

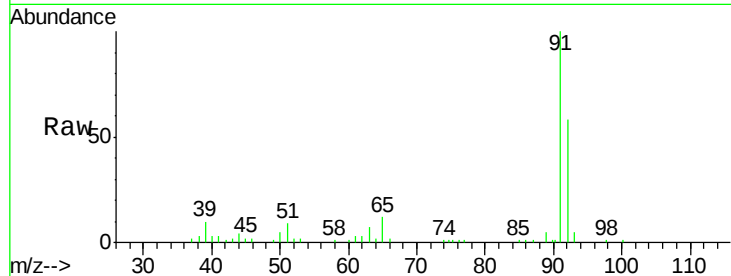
91 164.7 135.2 202.8

Manual Integrations

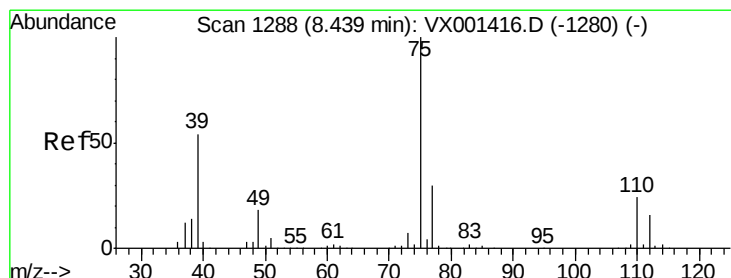
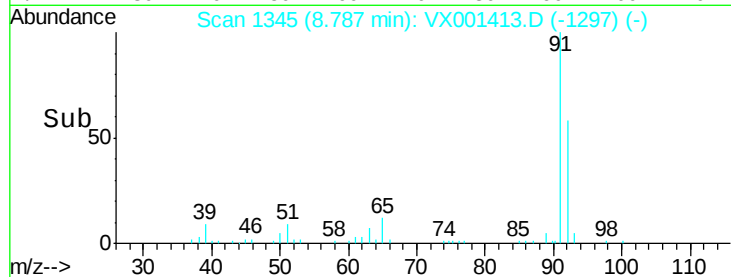
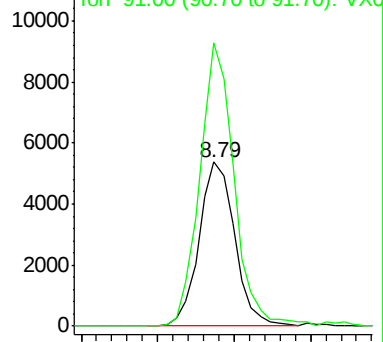
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Abundance Ion 92.00 (91.70 to 92.70): VX001416.D (-1338) (-)



#53

t-1,3-Dichloropropene

Concen: 0.871 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001413.D

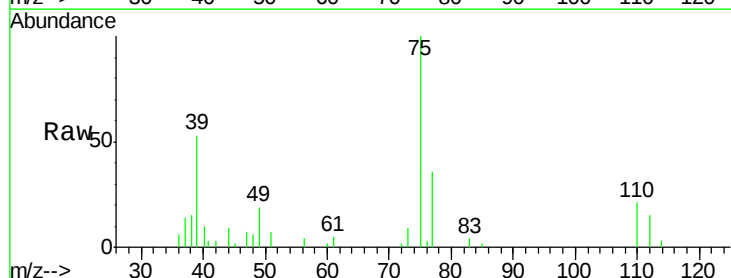
Acq: 05 May 2018 12:04

Tgt Ion: 75 Resp: 3974

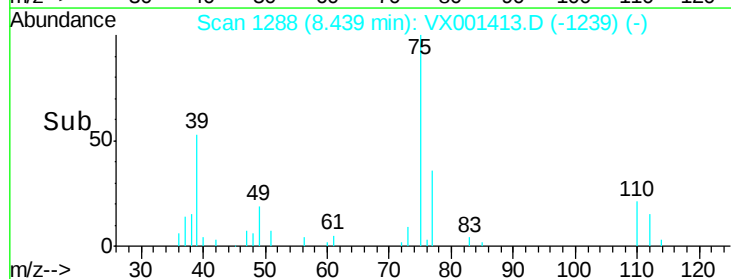
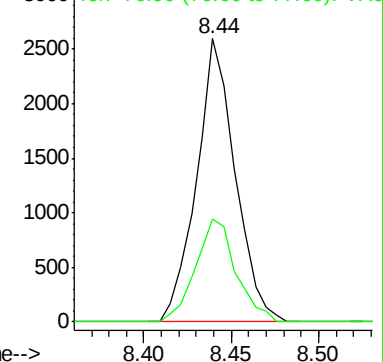
Ion Ratio Lower Upper

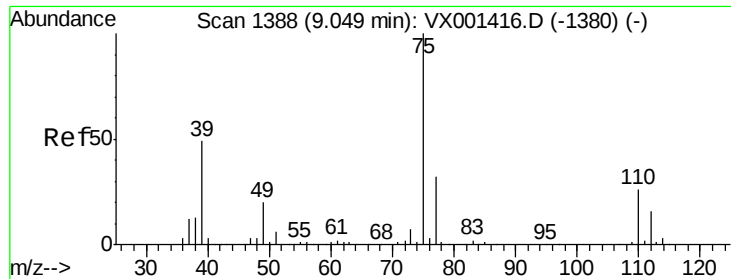
75 100

77 36.4 24.2 36.4#



Abundance Ion 74.90 (74.60 to 75.60): VX001416.D (-1280) (-)





#54

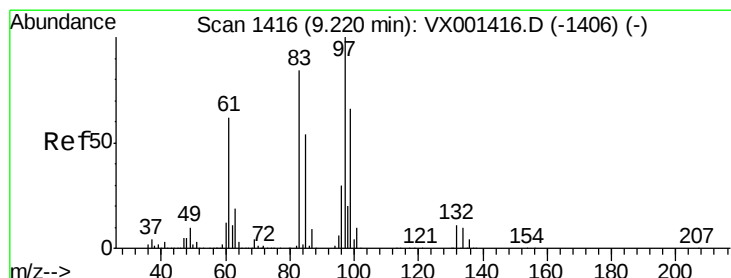
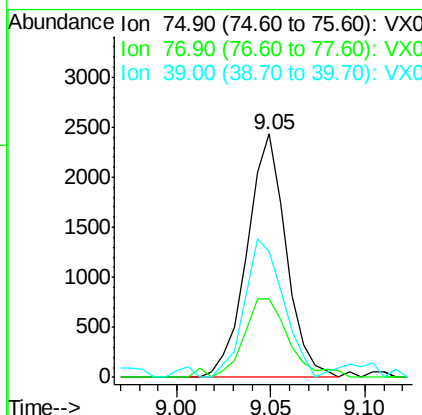
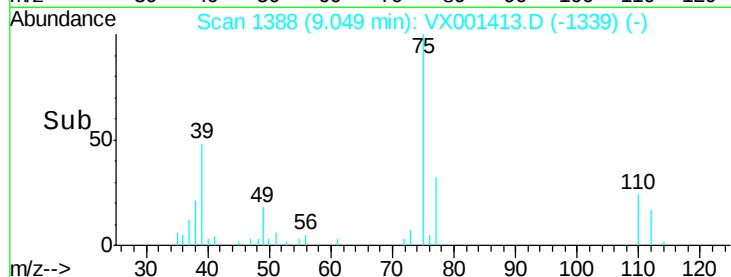
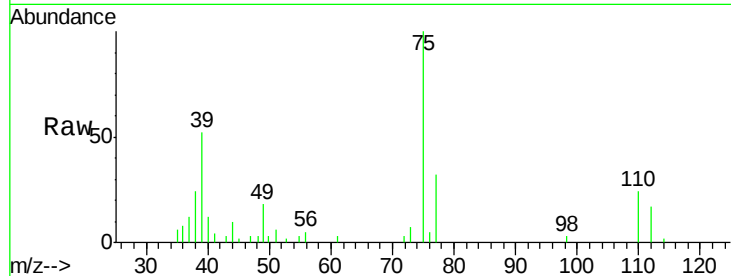
cis-1,3-Dichloropropene
 Concen: 0.835 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.5	38.3
39	47.7	38.9	58.3

Manual Integrations
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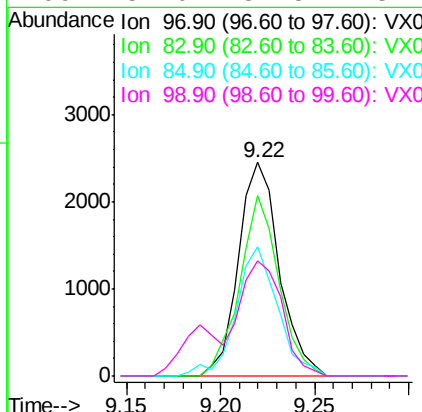
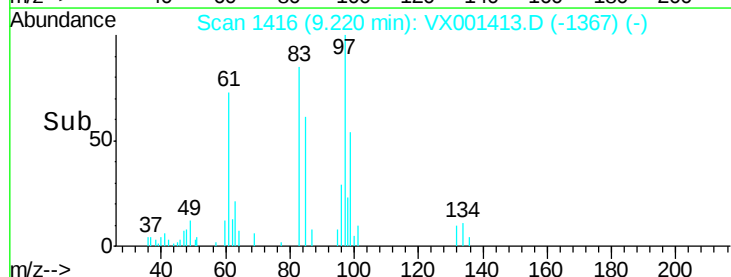
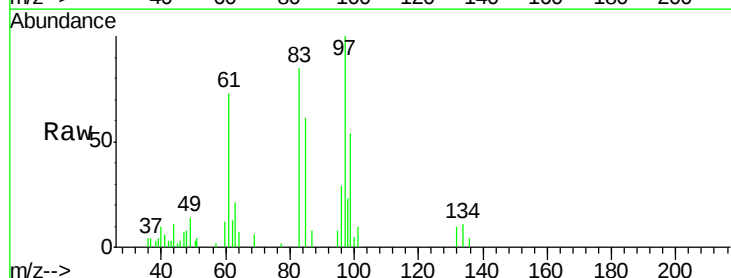
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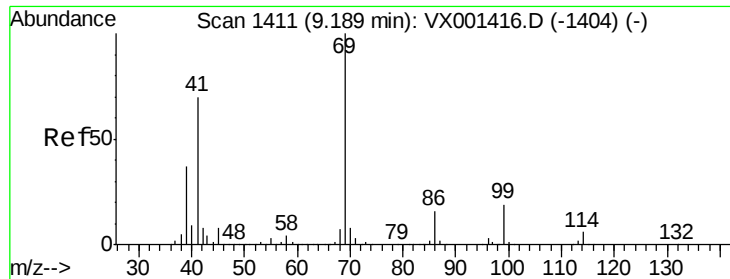


#55

1,1,2-Trichloroethane
 Concen: 1.176 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.8	67.4	101.0
85	60.7	43.3	64.9
99	54.0	52.5	78.7





#56

Ethyl methacrylate

Concen: 1.023 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

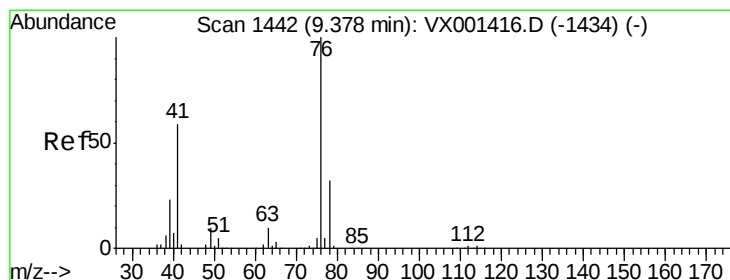
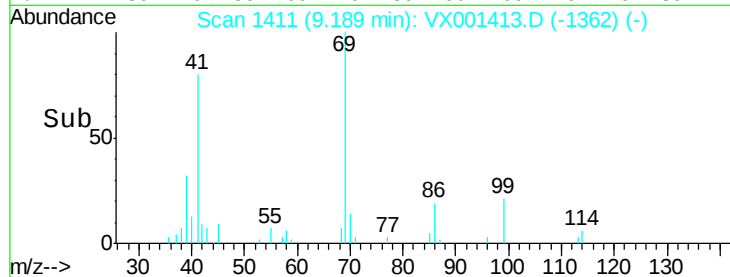
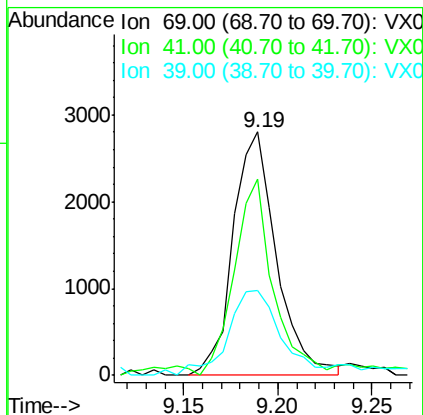
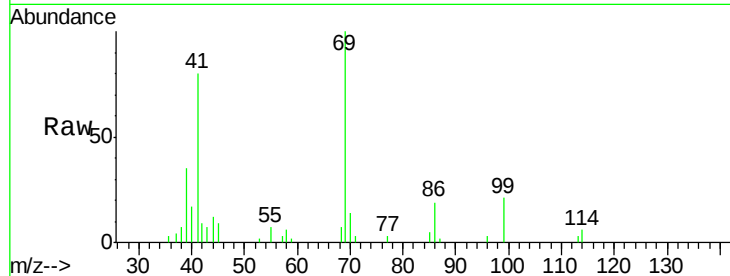
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	4484
Ion	Ratio	Lower	Upper
69	100		
41	71.9	55.1	82.7
39	42.6	29.9	44.9

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 1.165 ug/l

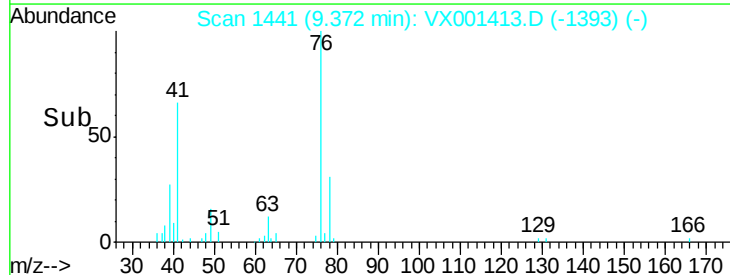
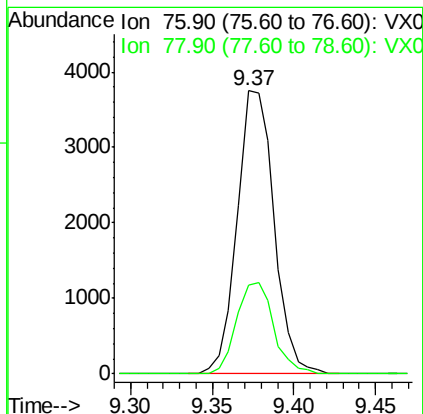
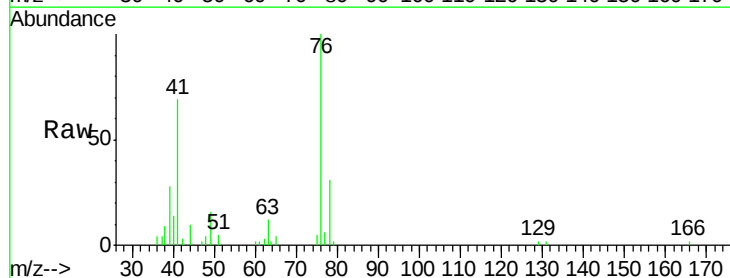
RT: 9.37 min Scan# 1441

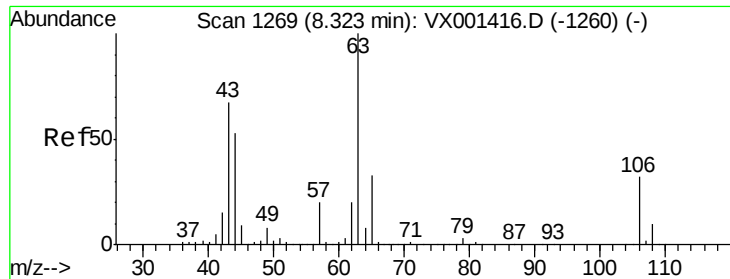
Delta R.T. -0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Tgt Ion:	76	Resp:	5920
Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.6





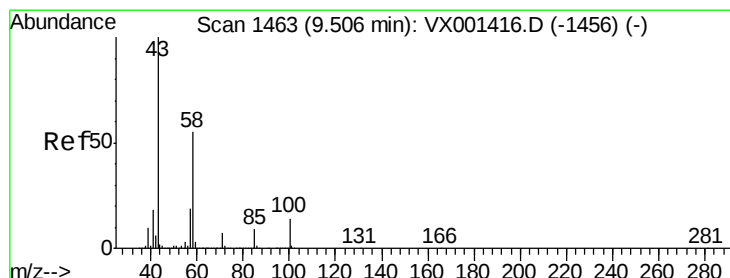
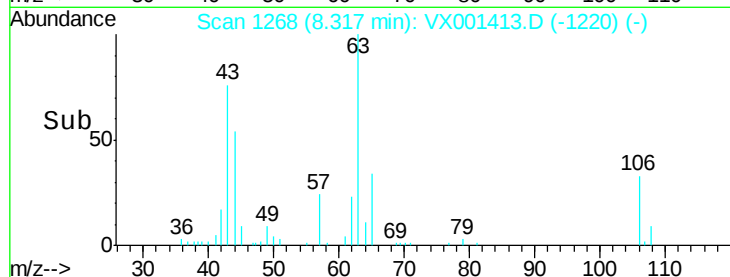
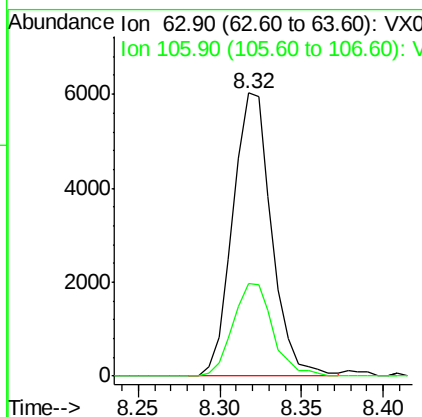
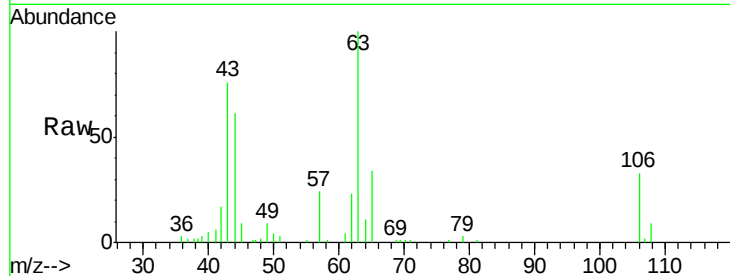
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.699 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 10012
 Ion Ratio Lower Upper
 63 100
 106 33.5 25.4 38.0

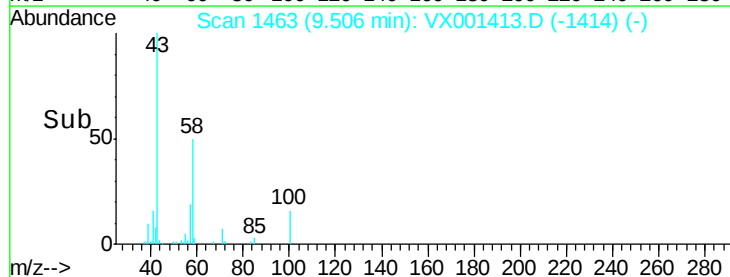
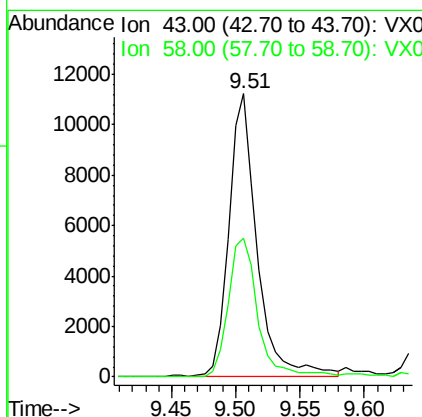
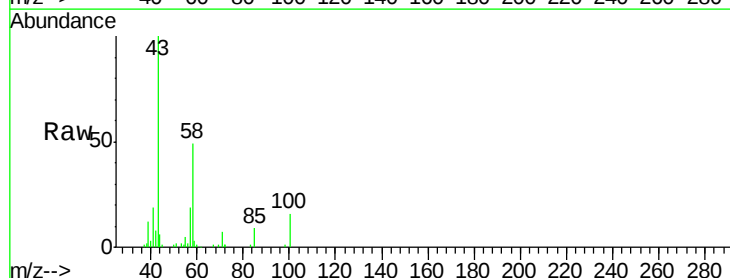
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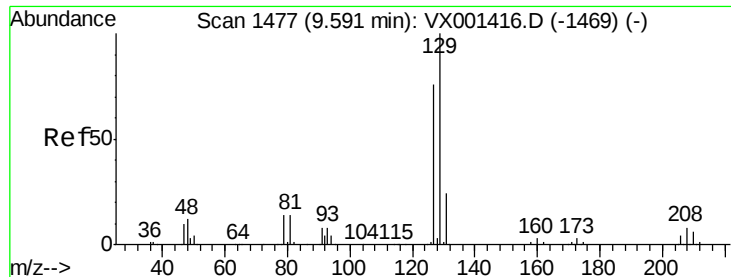
apatel
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#59
 2-Hexanone
 Concen: 5.044 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Tgt Ion: 43 Resp: 17236
 Ion Ratio Lower Upper
 43 100
 58 51.1 27.1 81.2





#60

Dibromochloromethane

Concen: 0.917 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Tot Ion:129 Resp: 3013

Ion Ratio Lower Upper

129 100

127 72.0 38.1 114.5

Instrument :

MSVOA_X

ClientSampleId :

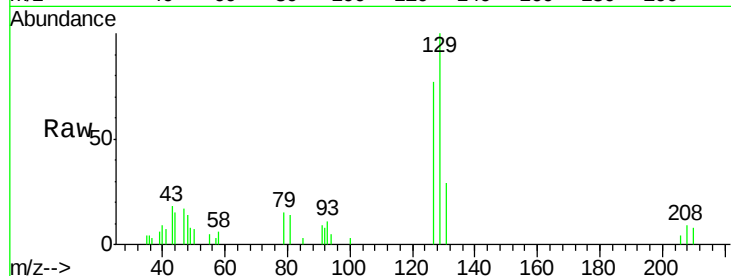
VSTDIC001

Manual Integrations

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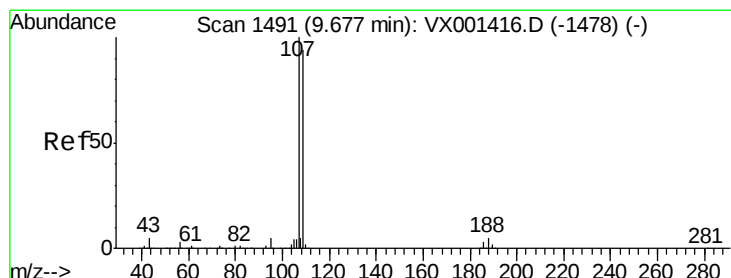
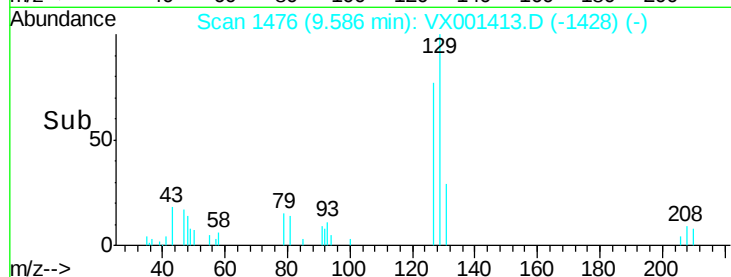
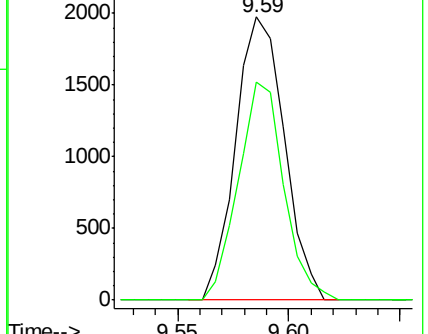
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 1.060 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001413.D

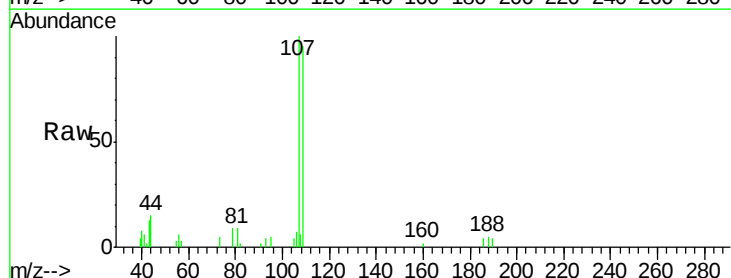
Acq: 05 May 2018 12:04

Tgt Ion:107 Resp: 3530

Ion Ratio Lower Upper

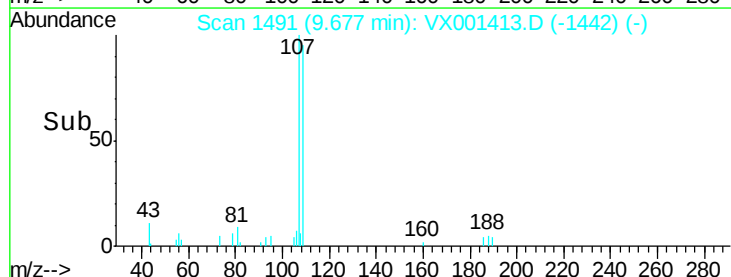
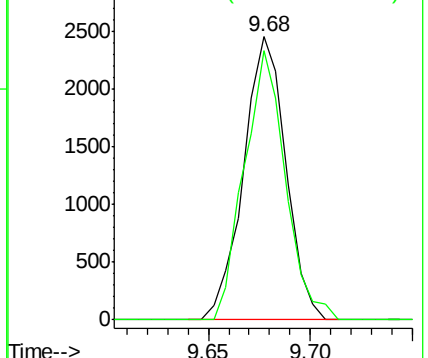
107 100

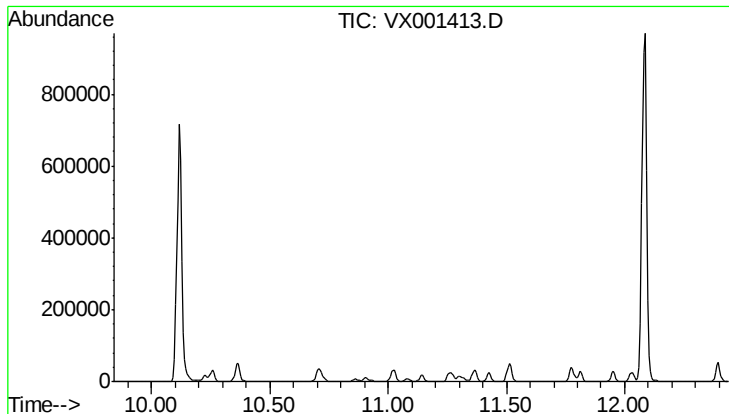
109 92.7 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.14 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Tot Ion: 95

Sig Exp Ratio

95 100

174 101.0

176 98.7

Instrument :

MSVOA_X

ClientSampleId :

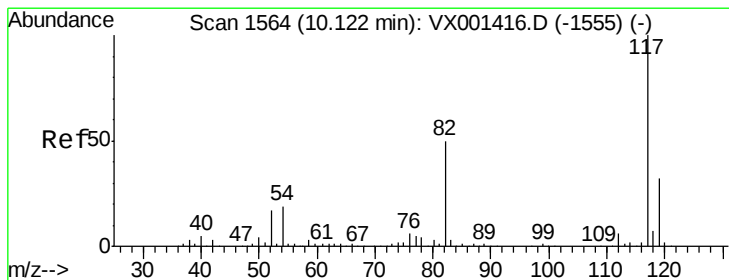
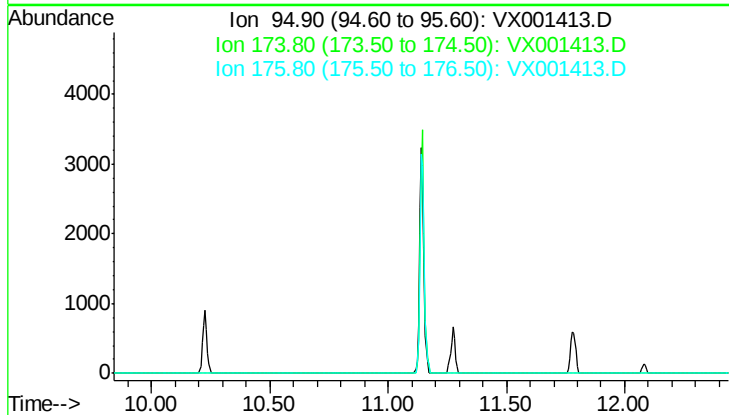
VSTDIC001

Manual Integrations

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

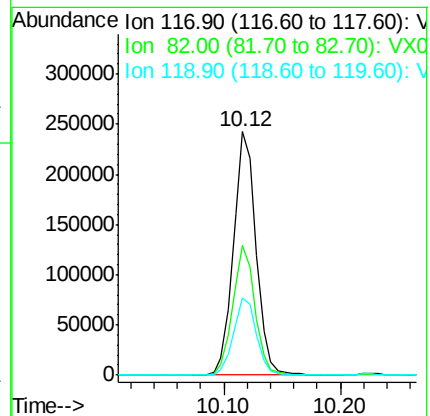
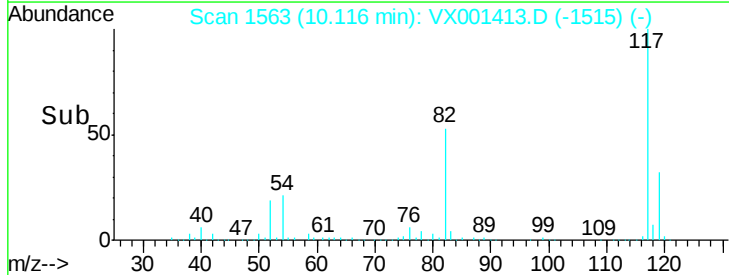
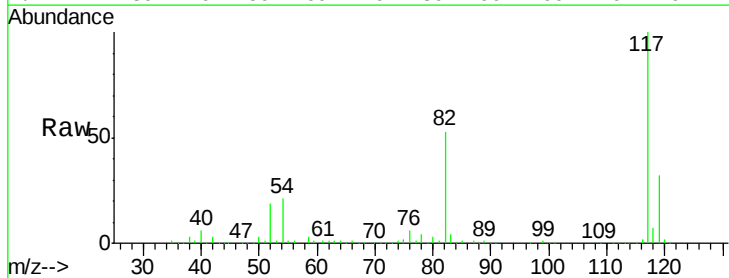
Tgt Ion:117 Resp: 327270

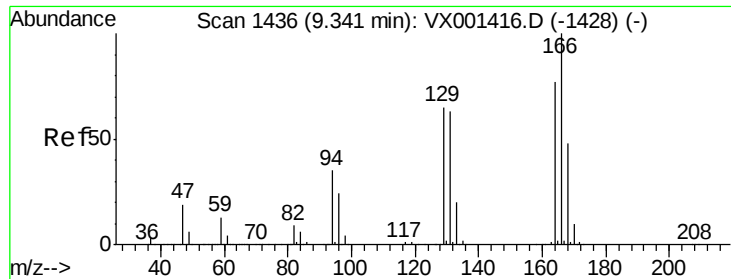
Ion Ratio Lower Upper

117 100

82 53.0 40.0 60.0

119 31.8 25.8 38.8





#64

Tetrachloroethene

Concen: 1.227 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 4925

Ion Ratio Lower Upper

164 100

166 136.6 103.5 155.3

129 70.1 66.7 100.1

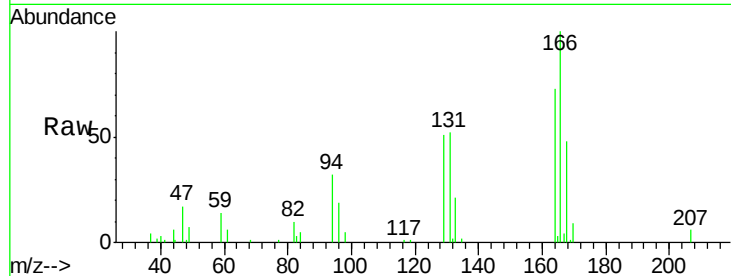
131 71.1 64.9 97.3

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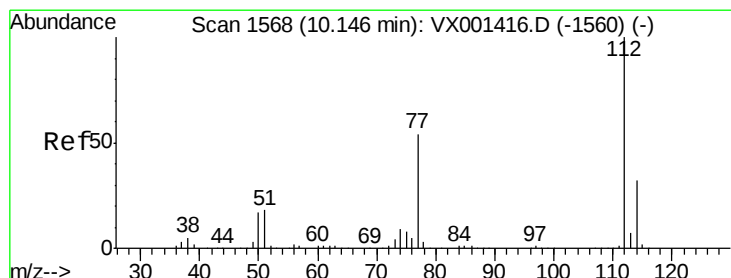
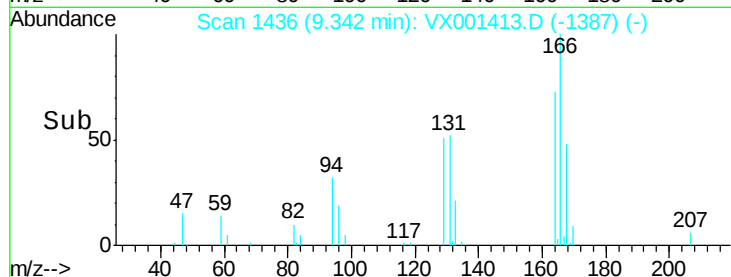
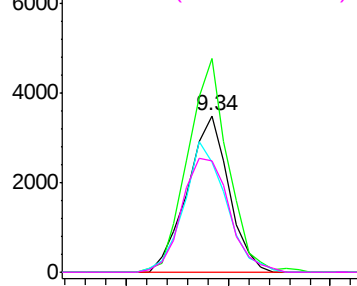


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1.141 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001413.D

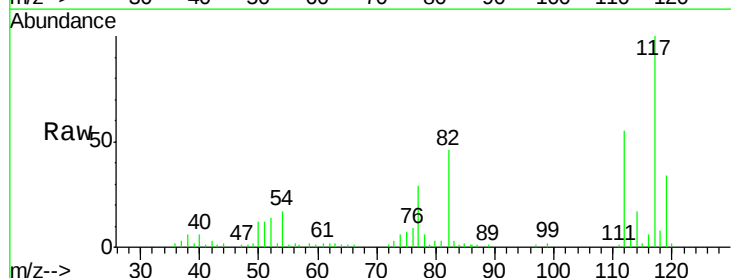
Acq: 05 May 2018 12:04

Tgt Ion:112 Resp: 10325

Ion Ratio Lower Upper

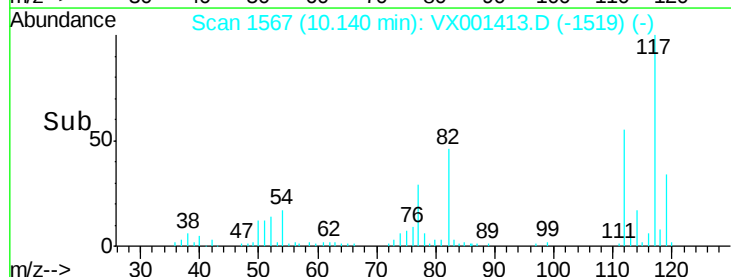
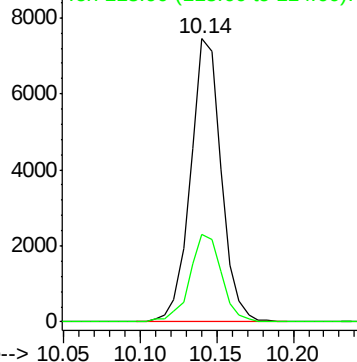
112 100

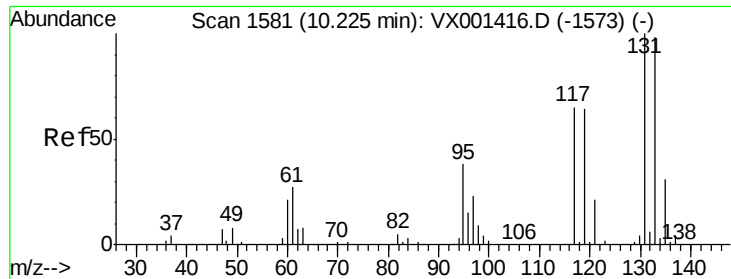
114 30.9 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 1.001 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

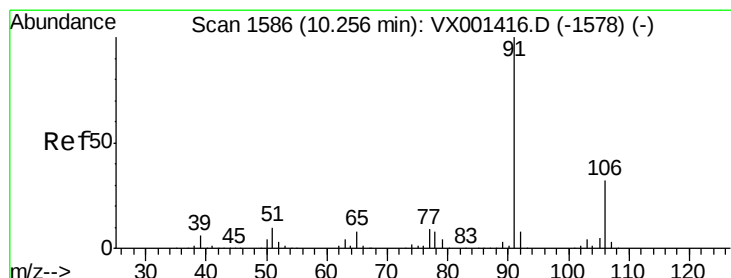
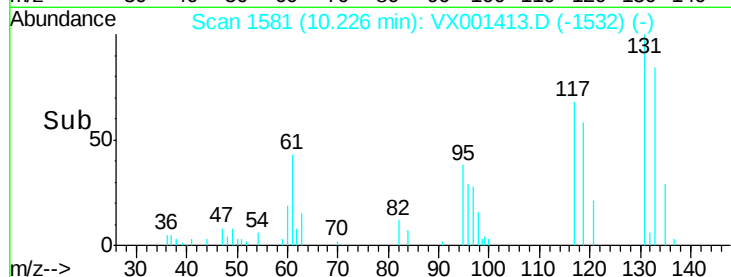
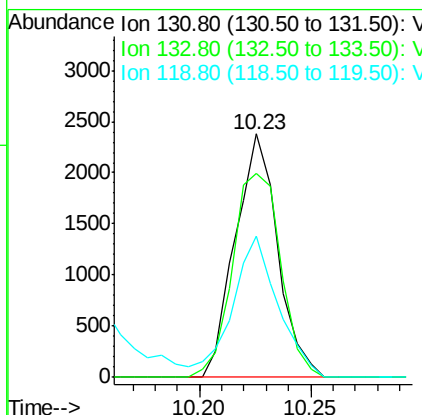
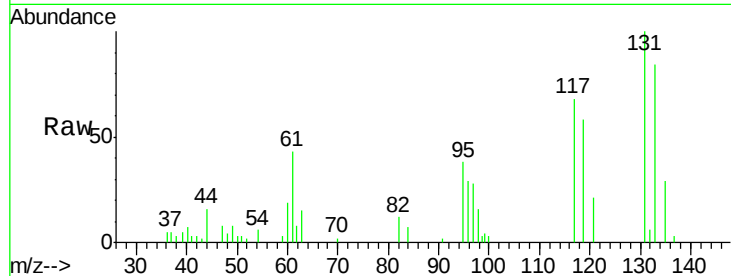
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.9	143.8
119	0.0	31.1	93.3#

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#67

Ethyl Benzene

Concen: 1.091 ug/l

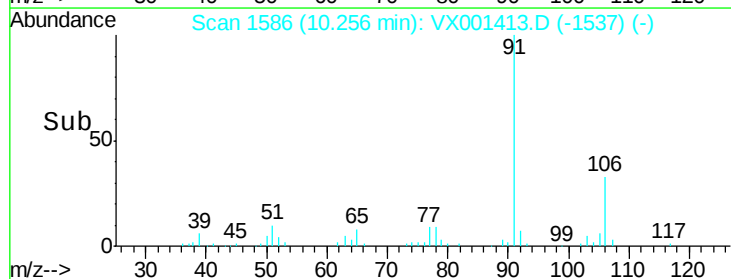
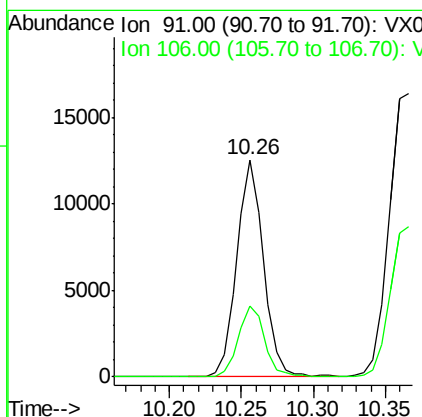
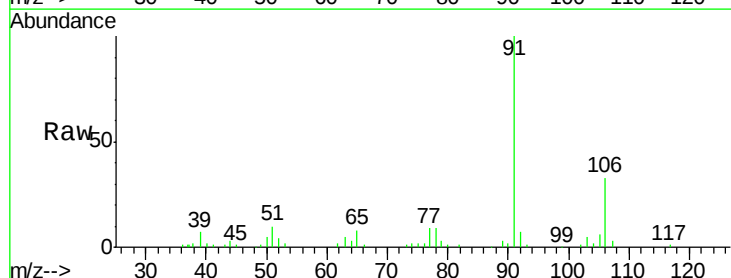
RT: 10.26 min Scan# 1586

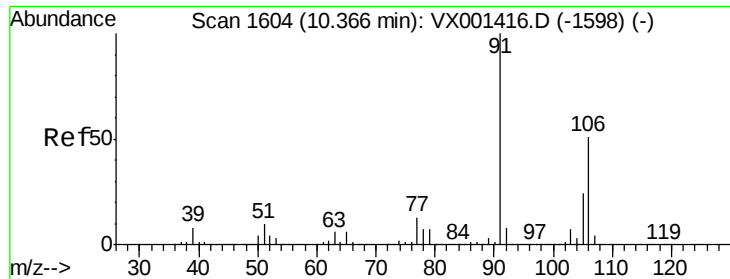
Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Tgt Ion	Ratio	Lower	Upper
91	100		
106	32.7	25.5	38.3





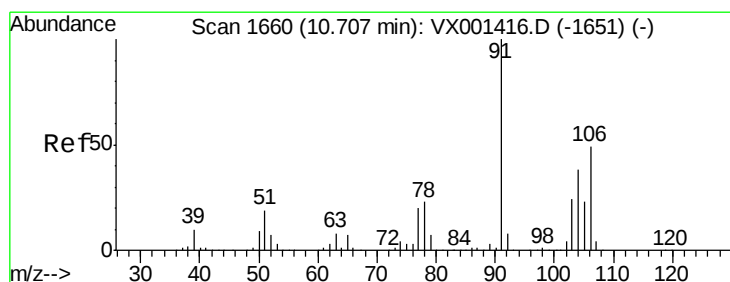
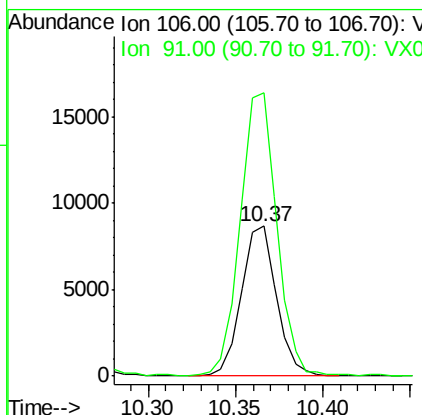
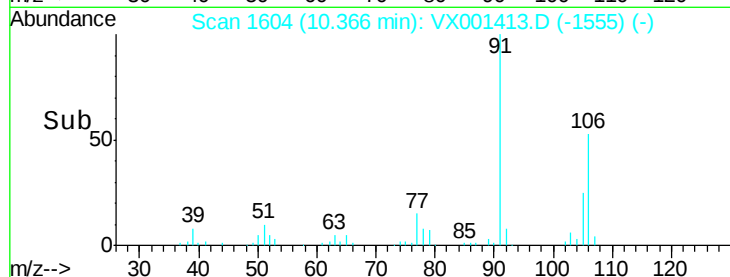
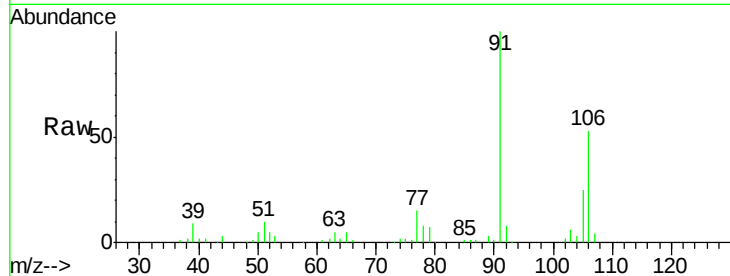
#68
m/p-Xylenes
Concen: 2.064 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 12114
Ion Ratio Lower Upper
106 100
91 197.5 157.5 236.3

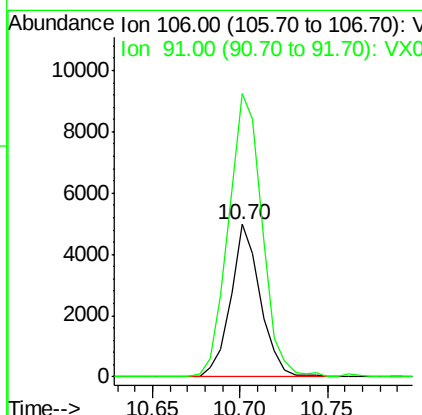
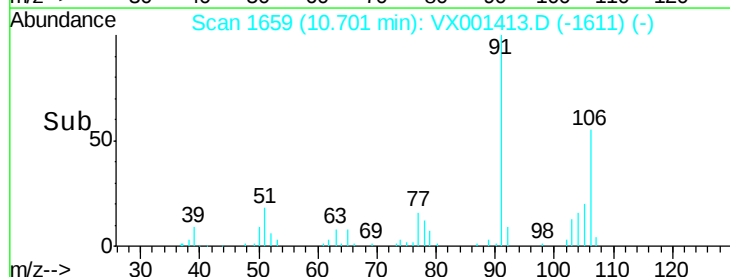
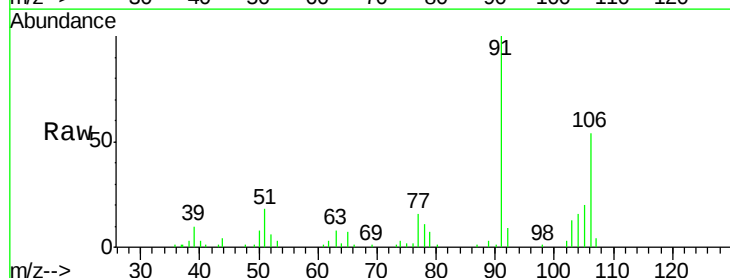
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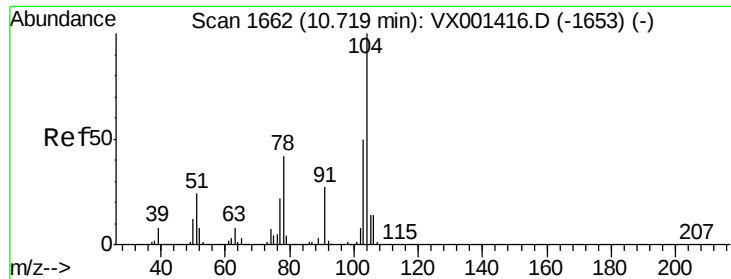
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#69
o-Xylene
Concen: 1.034 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion:106 Resp: 5904
Ion Ratio Lower Upper
106 100
91 208.3 103.1 309.1





#70

Stvrene

Concen: 0.941 ug/l

RT: 10.71 min Scan# 1661

Delta R.T. -0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

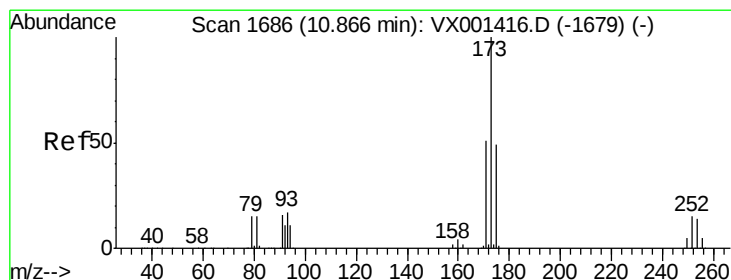
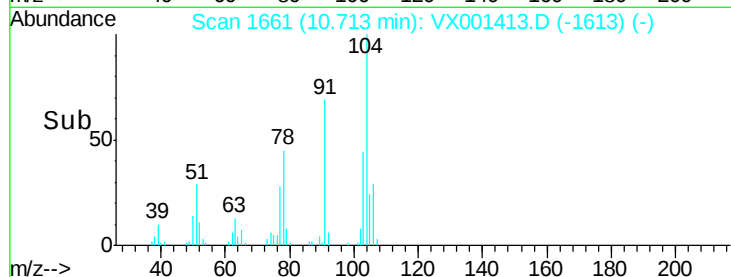
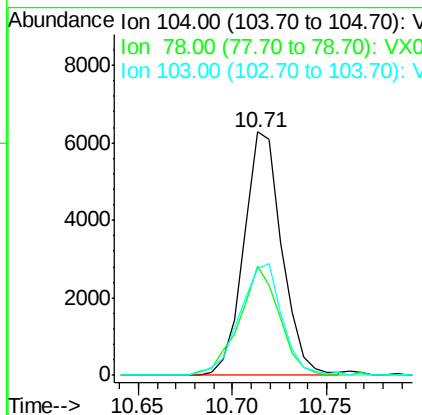
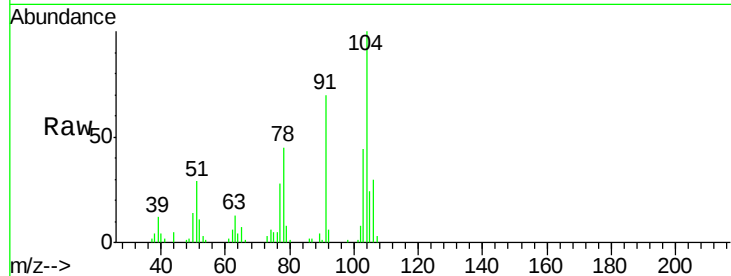
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.4	38.6	58.0
103	51.5	44.0	66.0

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#71

Bromoform

Concen: 0.798 ug/l

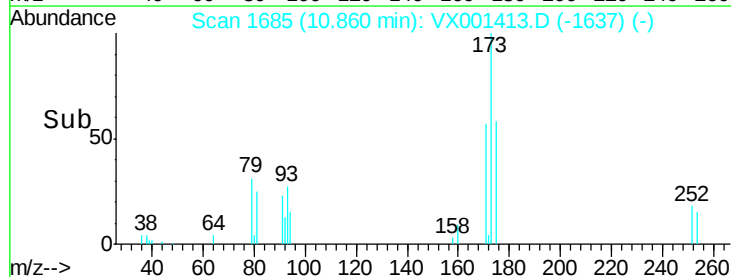
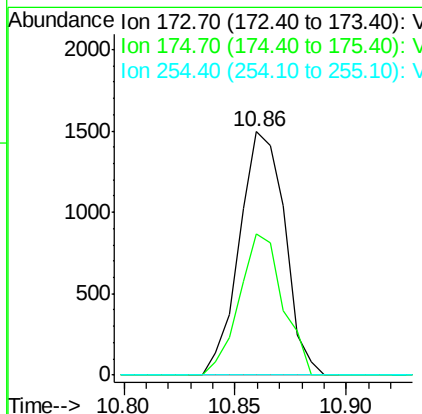
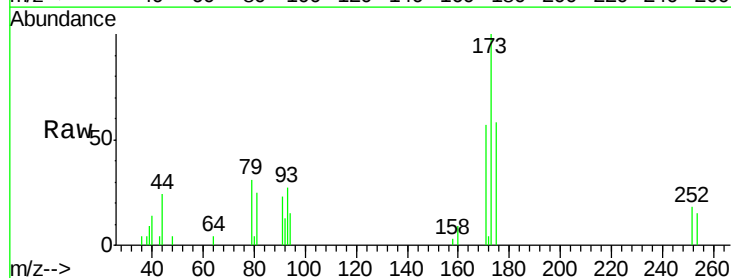
RT: 10.86 min Scan# 1685

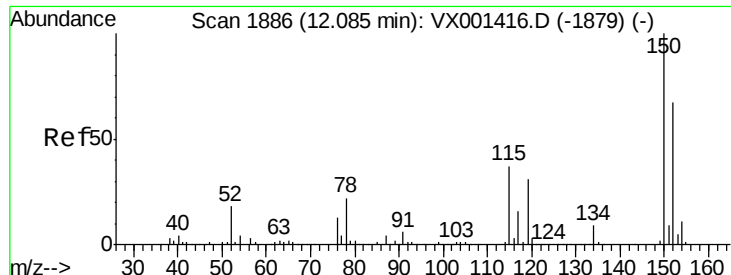
Delta R.T. -0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Tgt Ion	Ratio	Lower	Upper
173	100		
175	55.9	24.5	73.5
254	0.0	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 211774

Ion Ratio Lower Upper

152 100

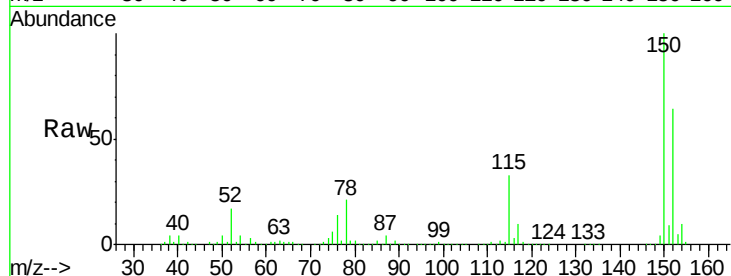
115 53.2 37.7 113.1

150 155.7 0.0 349.4

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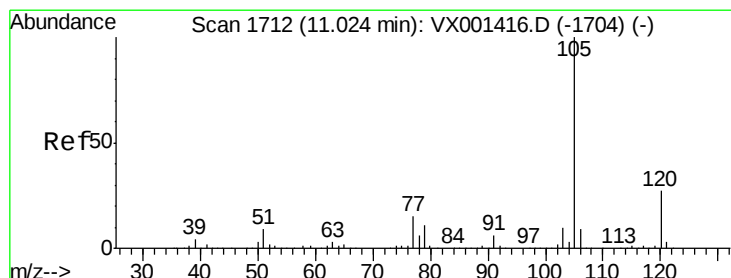
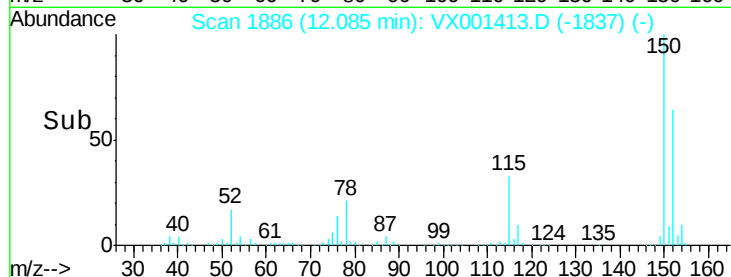
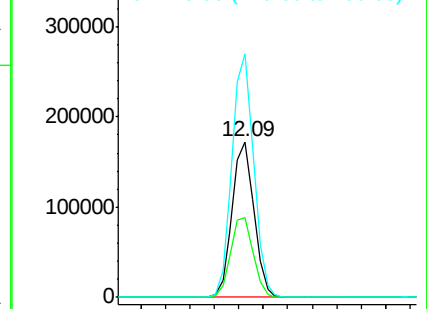
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.061 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001413.D

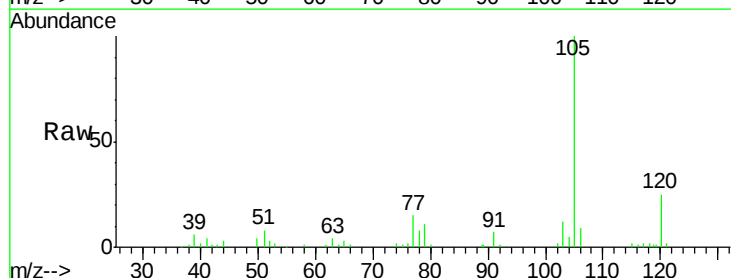
Acq: 05 May 2018 12:04

Tgt Ion:105 Resp: 15186

Ion Ratio Lower Upper

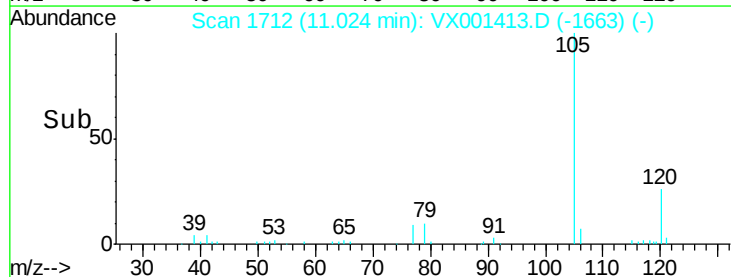
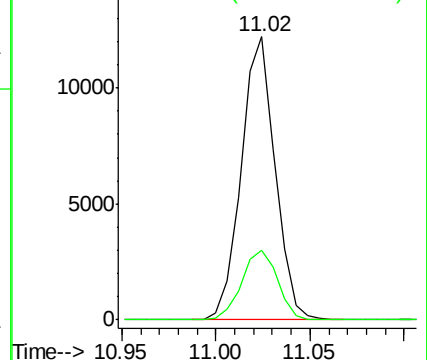
105 100

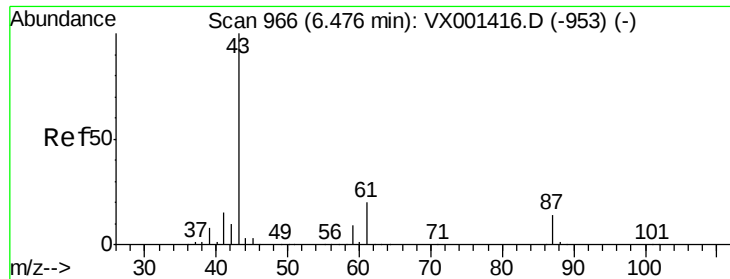
120 25.9 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.216 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

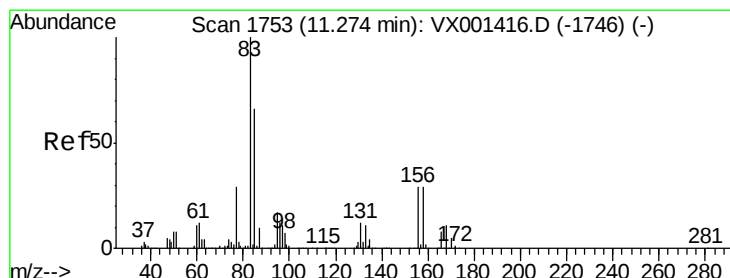
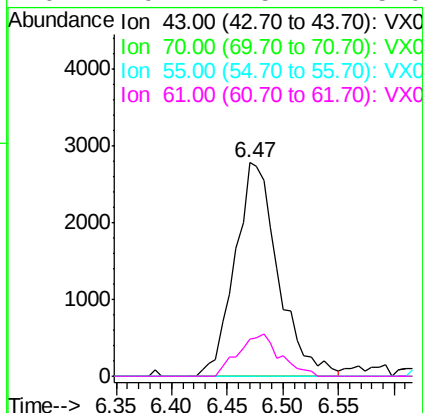
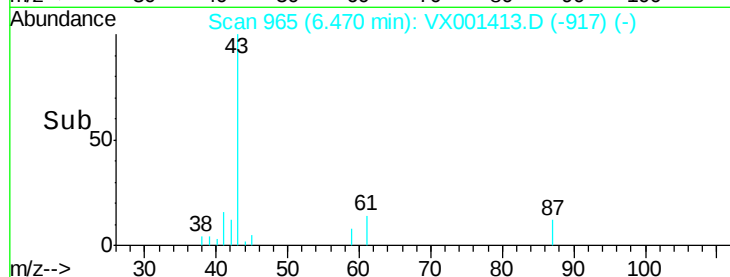
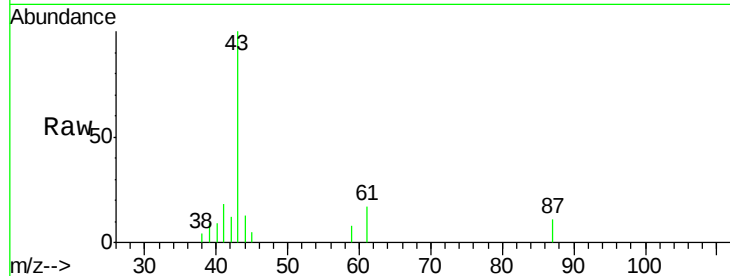
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	7495
Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.0	0.1	0.1#
61	19.1	15.4	23.0

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.078 ug/l

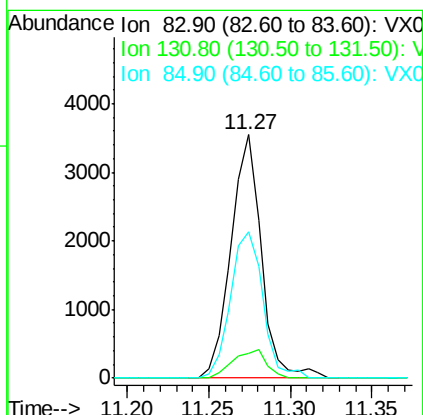
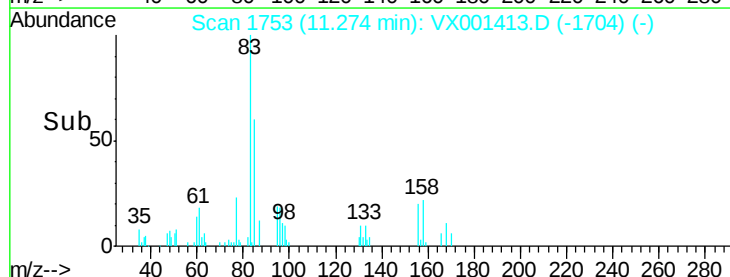
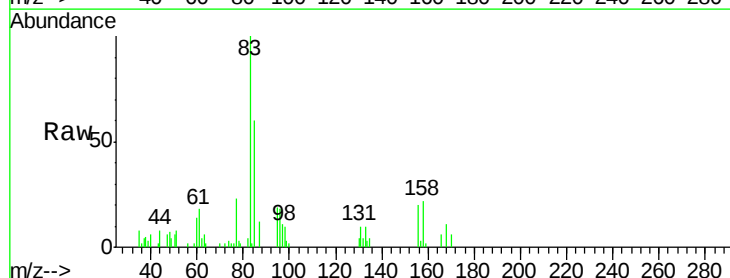
RT: 11.27 min Scan# 1753

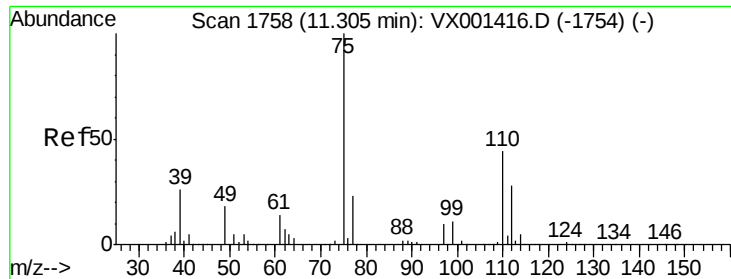
Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Tgt Ion:	83	Resp:	4587
Ion	Ratio	Lower	Upper
83	100		
131	12.6	5.8	17.4
85	64.4	32.7	98.1





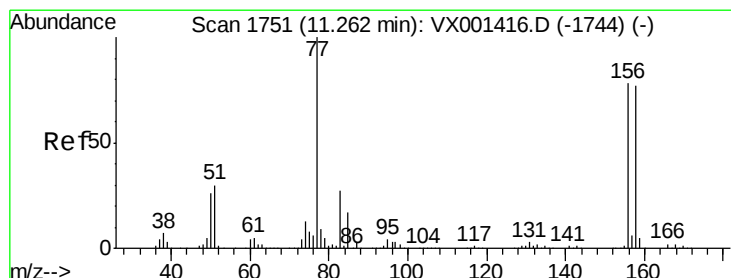
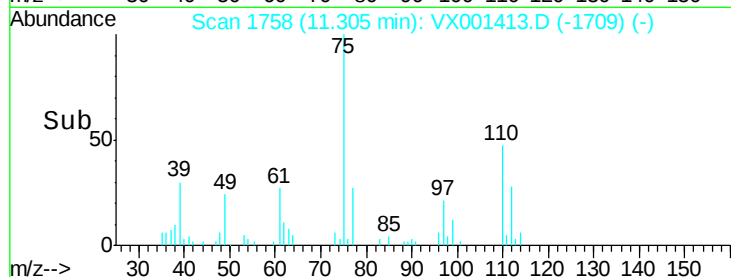
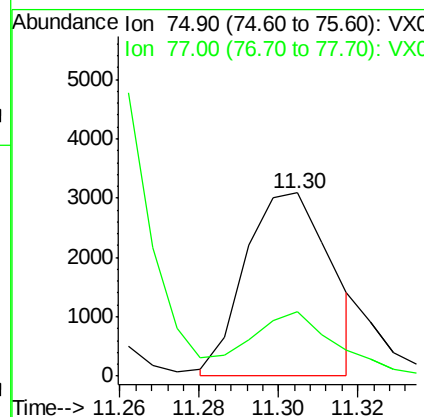
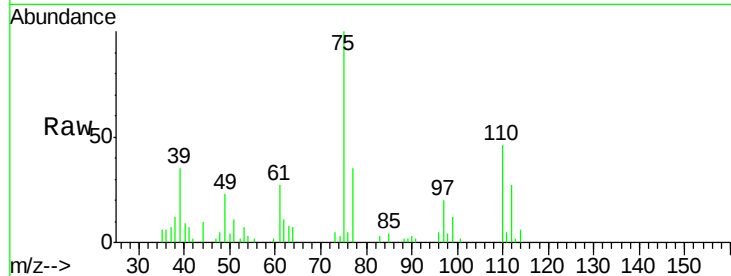
#76
 1,2,3-Trichloropropane
 Concen: 1.166 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion: 75 Resp: 4614
 Ion Ratio Lower Upper
 75 100
 77 36.4 19.6 58.7

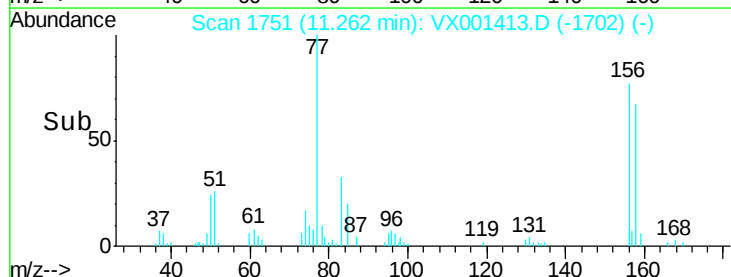
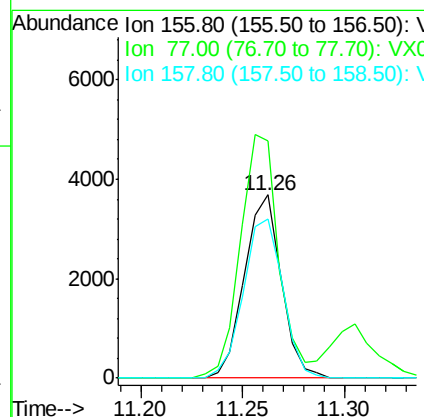
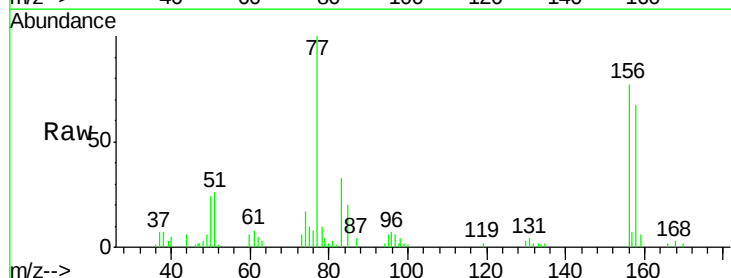
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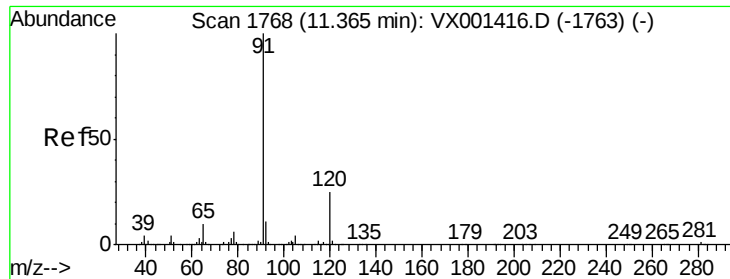
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#77
 Bromobenzene
 Concen: 1.127 ug/l
 RT: 11.26 min Scan# 1751
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Tgt Ion: 156 Resp: 4633
 Ion Ratio Lower Upper
 156 100
 77 137.3 66.0 198.2
 158 92.9 49.4 148.2





#78

n-propylbenzene

Concen: 0.991 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 91 Resp: 15714

Ion Ratio Lower Upper

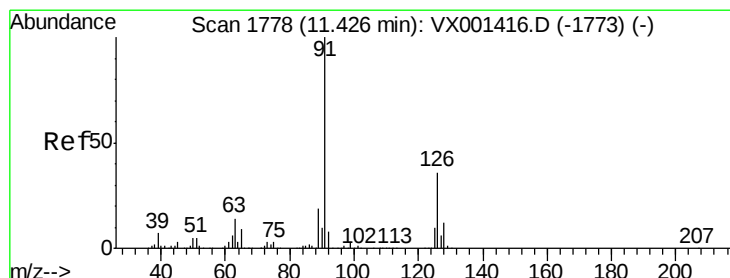
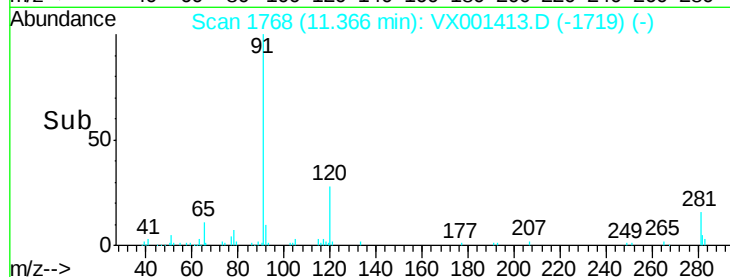
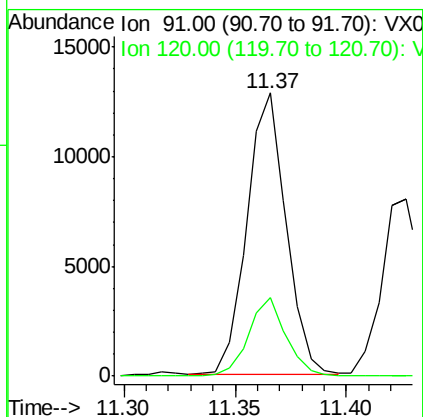
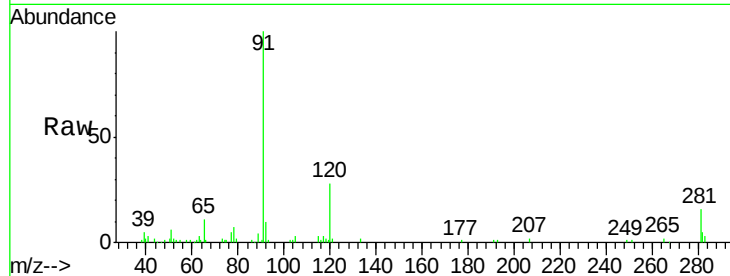
91 100

120 26.5 12.5 37.5

Manual Integrations
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#79

2-Chlorotoluene

Concen: 1.097 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001413.D

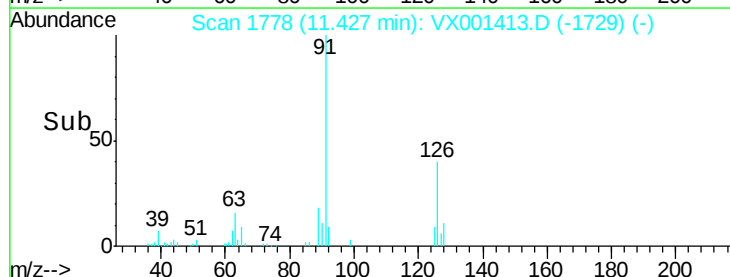
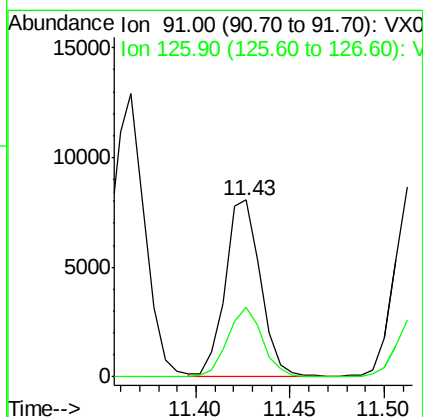
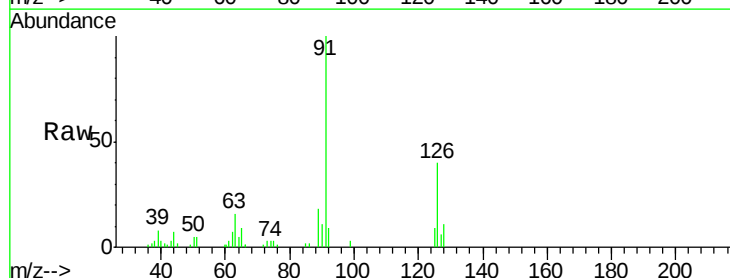
Acq: 05 May 2018 12:04

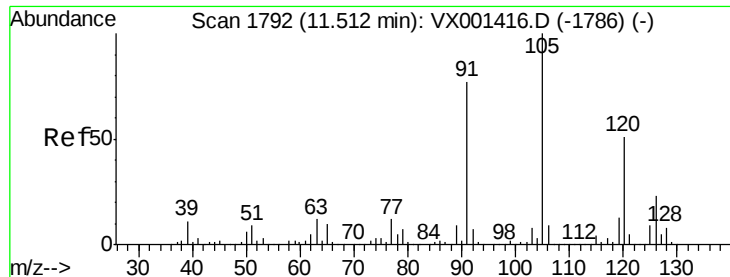
Tgt Ion: 91 Resp: 10508

Ion Ratio Lower Upper

91 100

126 38.2 18.1 54.4





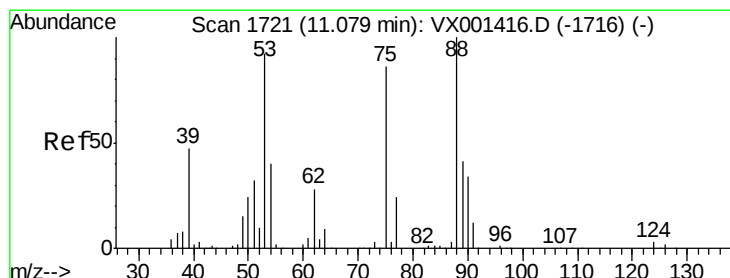
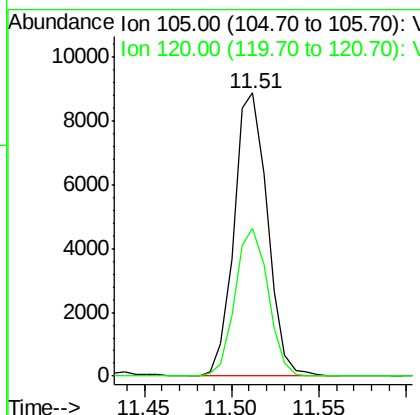
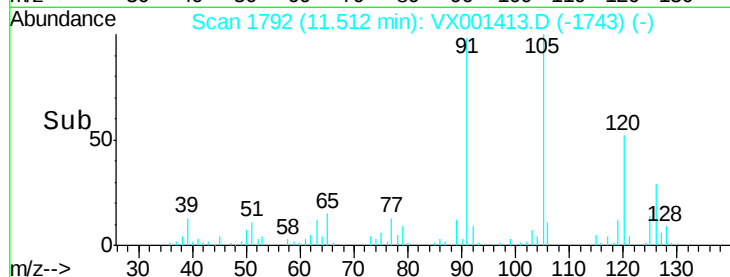
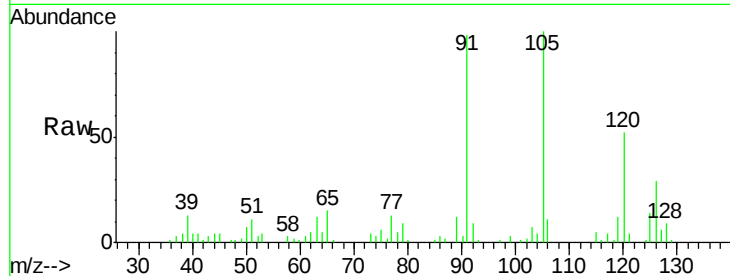
#80
 1,3,5-Trimethylbenzene
 Concen: 0.984 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion:105 Resp: 11769
 Ion Ratio Lower Upper
 105 100
 120 51.6 25.7 77.1

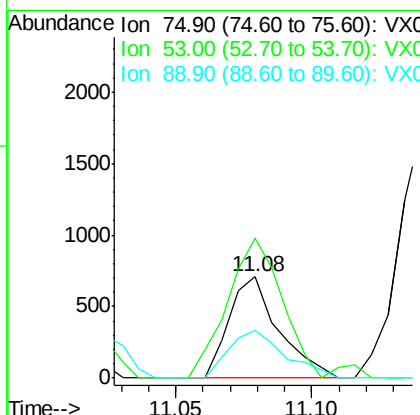
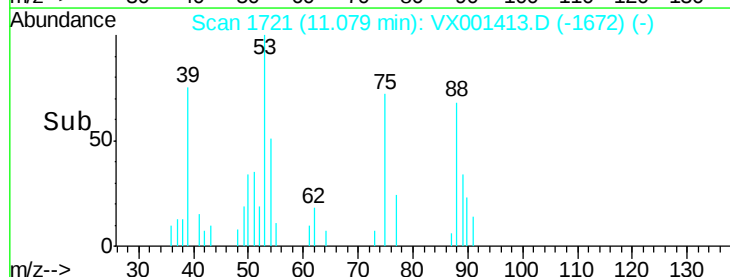
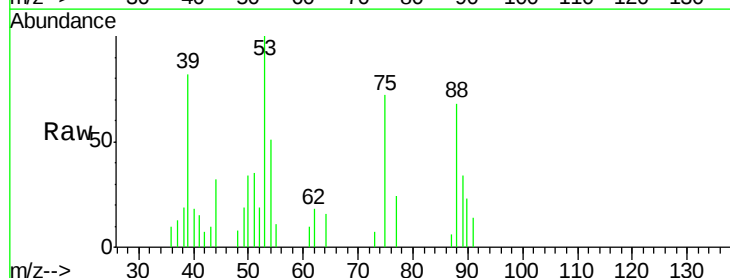
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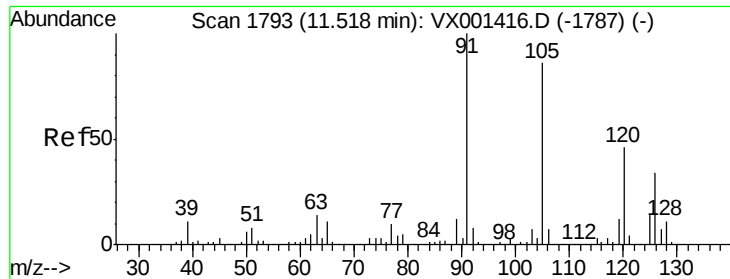
apatel
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.864 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Tgt Ion: 75 Resp: 895
 Ion Ratio Lower Upper
 75 100
 53 158.3 84.5 126.7#
 89 53.2 39.5 59.3





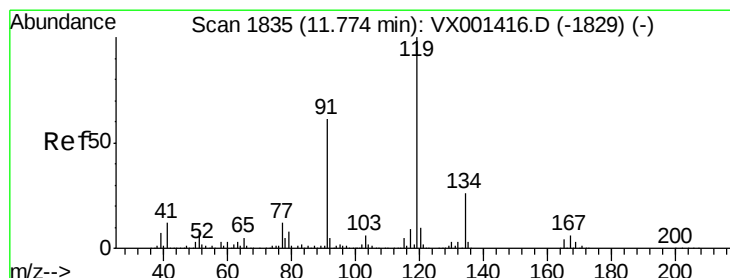
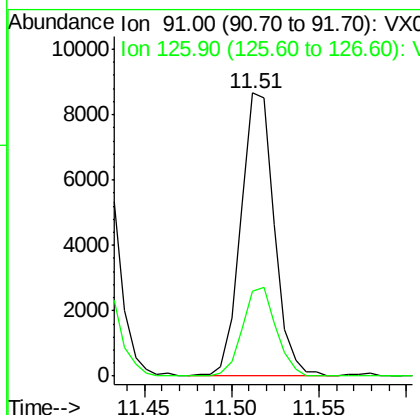
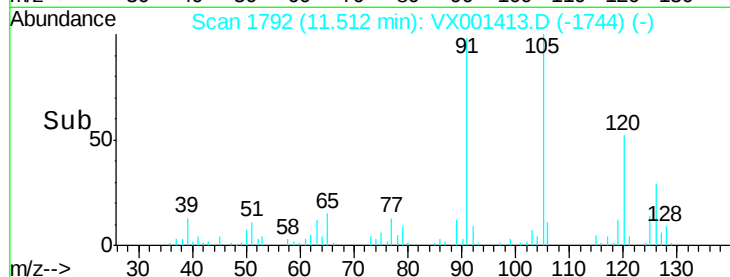
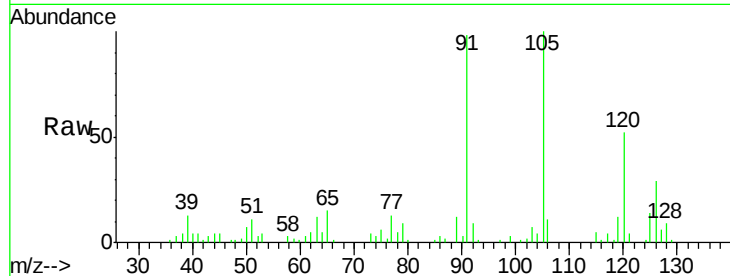
#82
4-Chlorotoluene
Concen: 1.006 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.01 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 11522
Ion Ratio Lower Upper
91 100
126 31.4 16.2 48.5

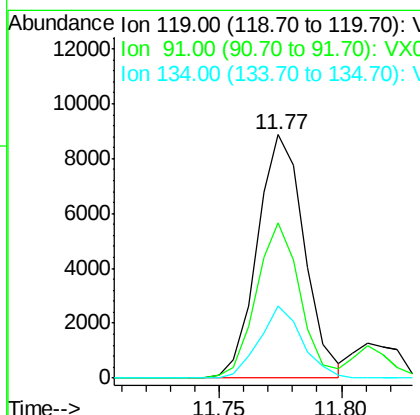
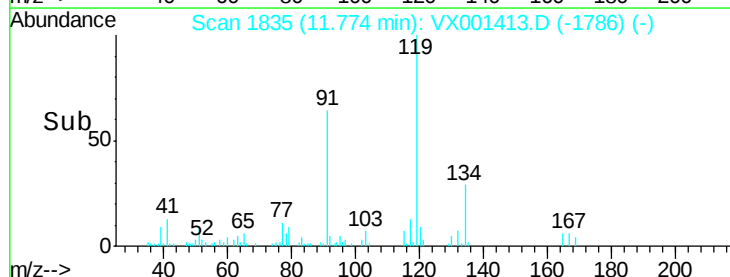
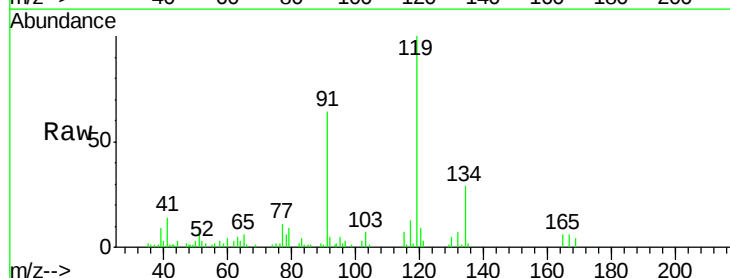
Manual Integrations
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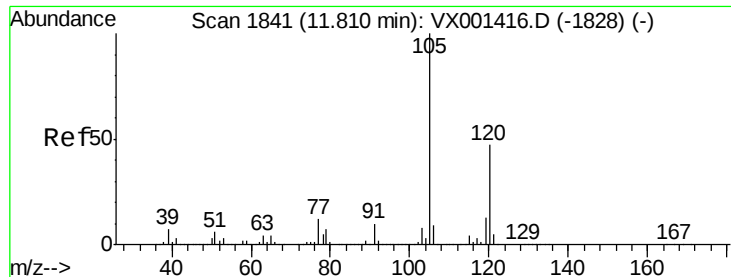
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#83
tert-Butylbenzene
Concen: 1.001 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion: 119 Resp: 11931
Ion Ratio Lower Upper
119 100
91 59.3 27.8 83.3
134 26.9 12.4 37.0





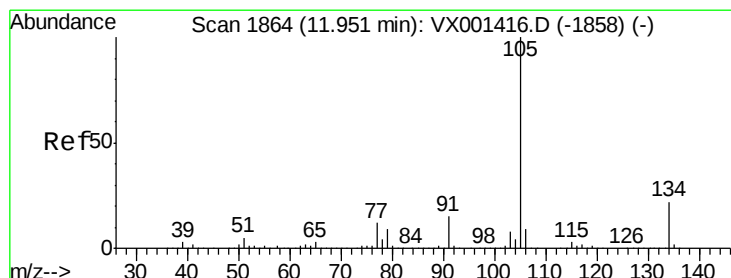
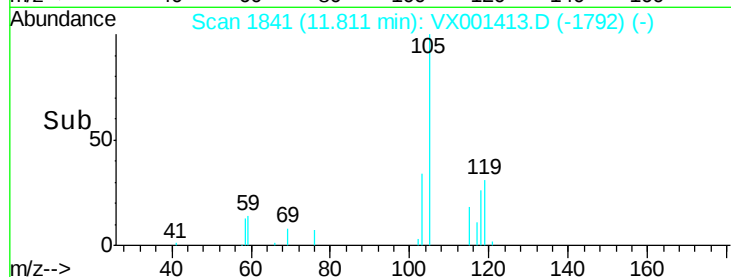
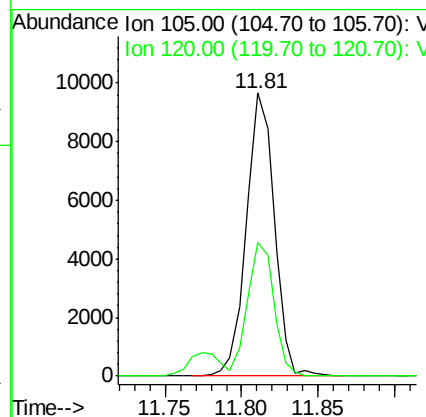
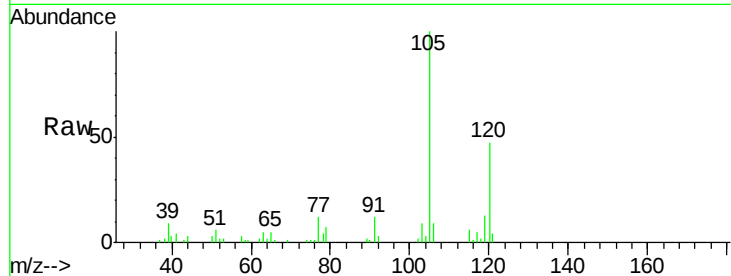
#84
1,2,4-Trimethylbenzene
Concen: 1.002 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:105 Resp: 12296
Ion Ratio Lower Upper
105 100
120 44.1 23.4 70.2

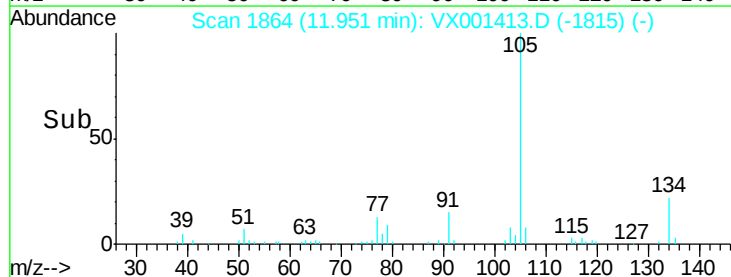
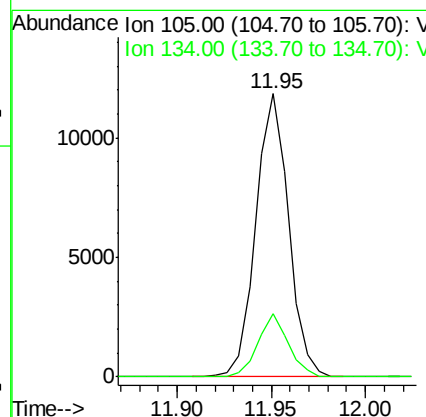
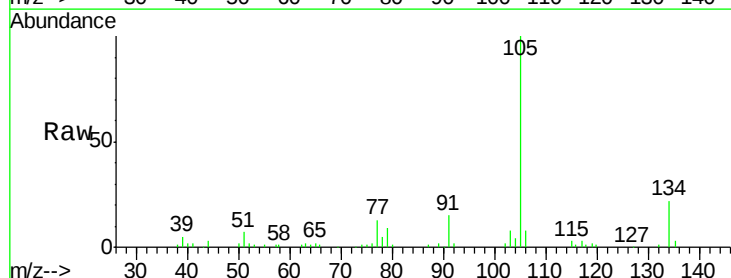
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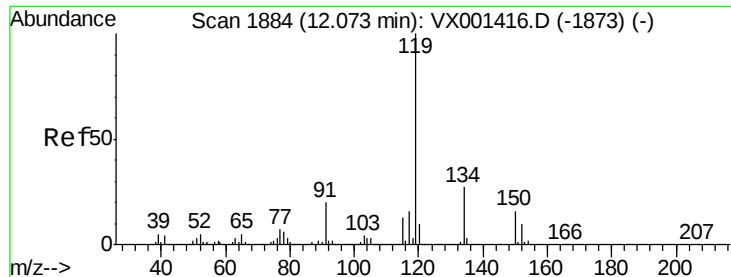
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#85
sec-Butylbenzene
Concen: 0.995 ug/l
RT: 11.95 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion:105 Resp: 14219
Ion Ratio Lower Upper
105 100
134 20.6 10.9 32.9





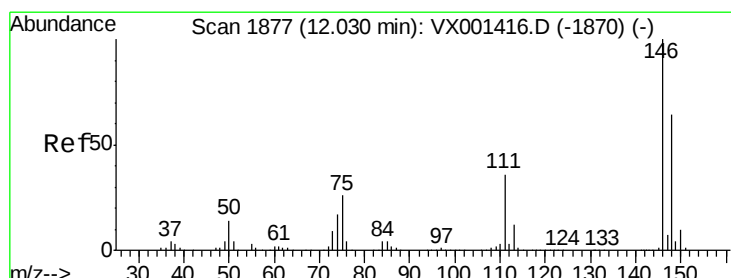
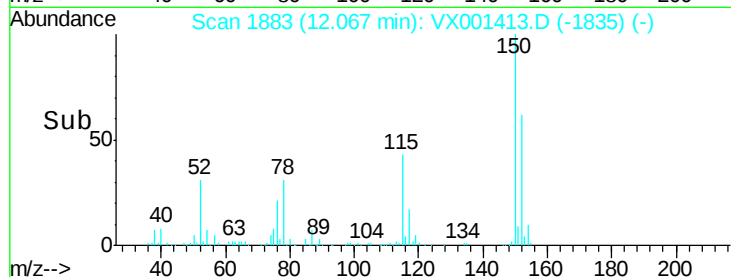
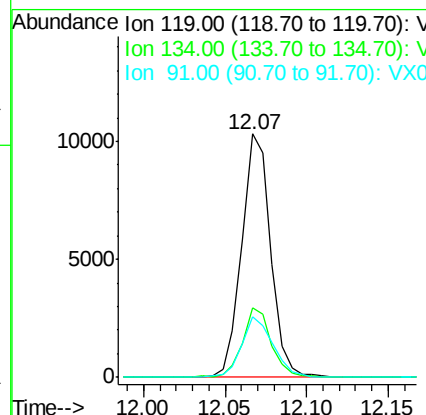
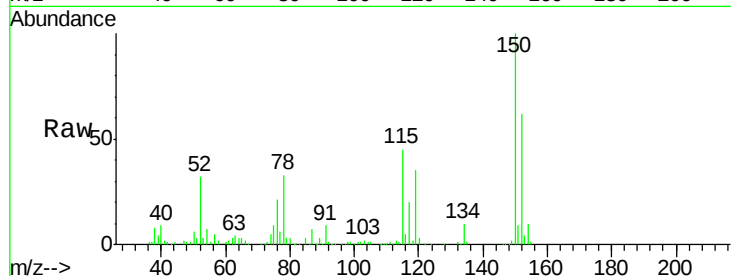
#86
 p-Isopropyltoluene
 Concen: 0.970 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
134	28.5	13.6	40.8
91	26.7	10.8	32.3

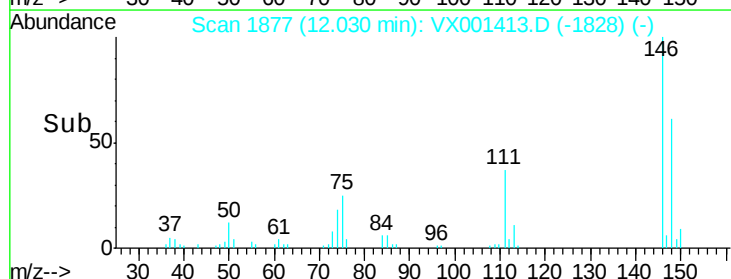
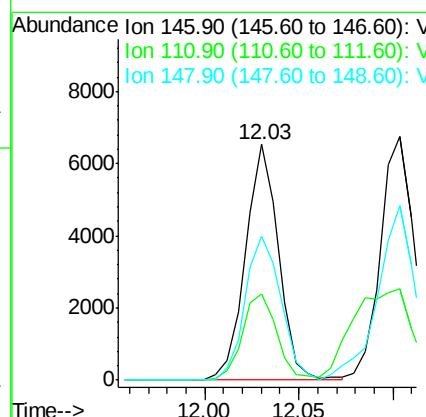
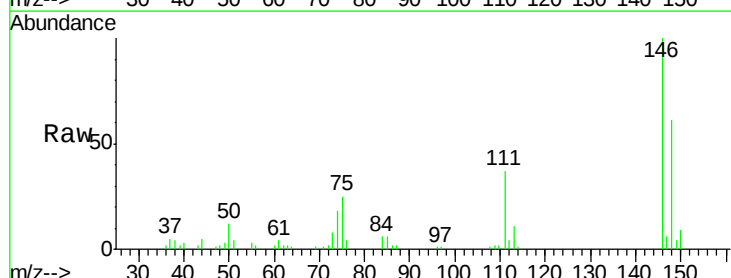
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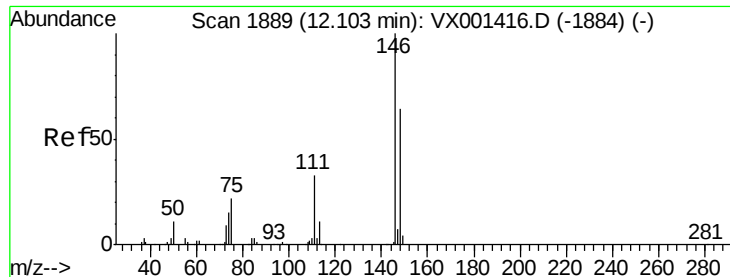
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#87
 1,3-Dichlorobenzene
 Concen: 1.035 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.1	54.1
148	65.9	32.1	96.5





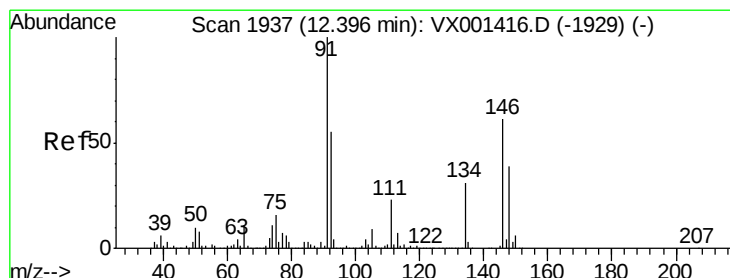
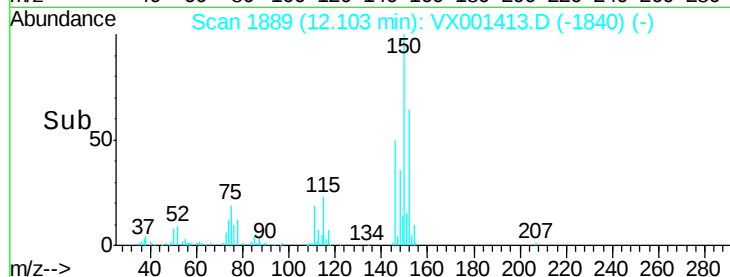
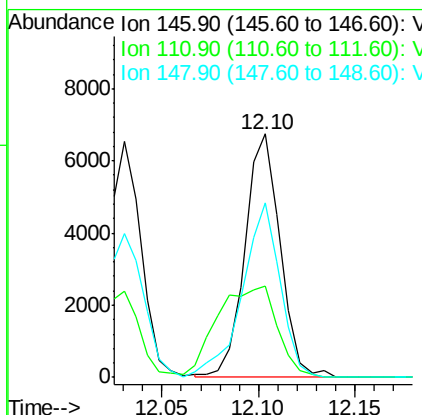
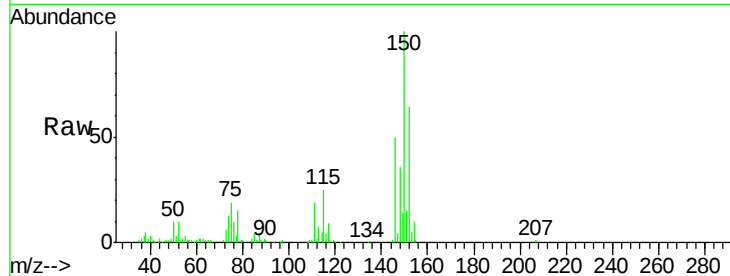
#88
 1,4-Dichlorobenzene
 Concen: 1.085 ug/l m
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.4	52.3
148	61.2	32.2	96.6

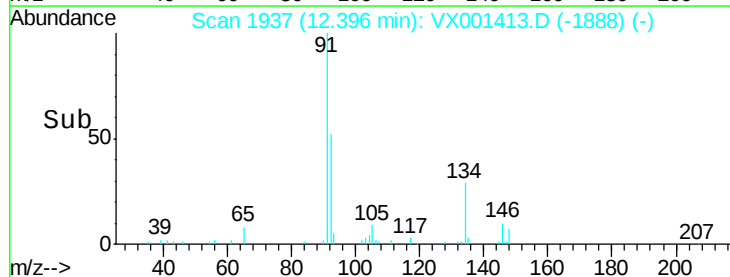
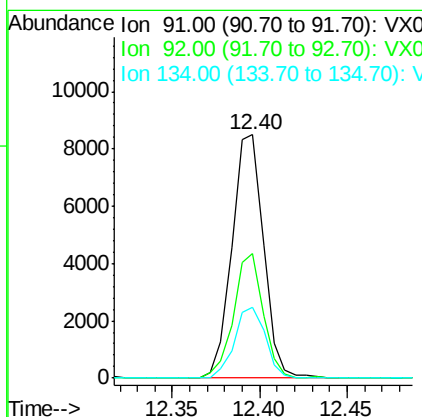
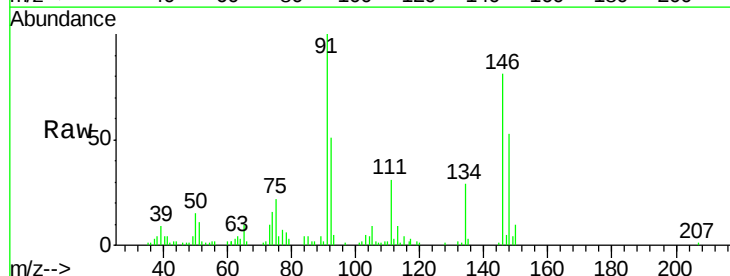
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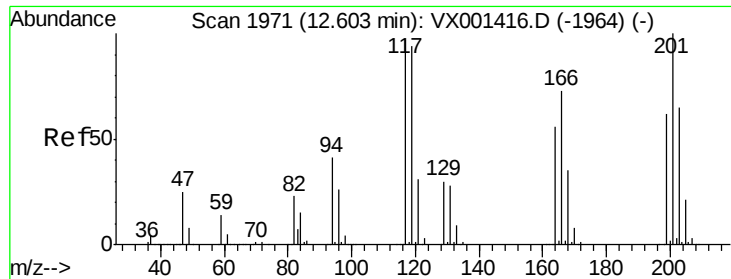
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#89
 n-Butylbenzene
 Concen: 0.940 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Tgt Ion	Ratio	Lower	Upper
91	100		
92	48.1	27.2	81.5
134	28.5	14.6	44.0





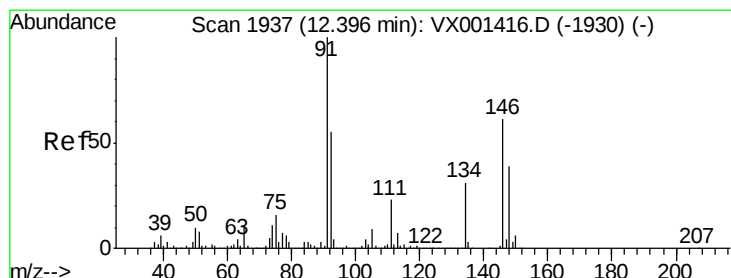
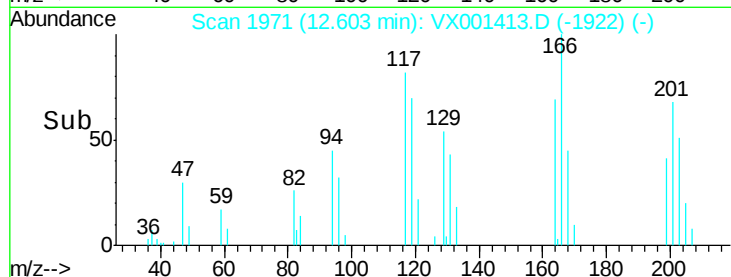
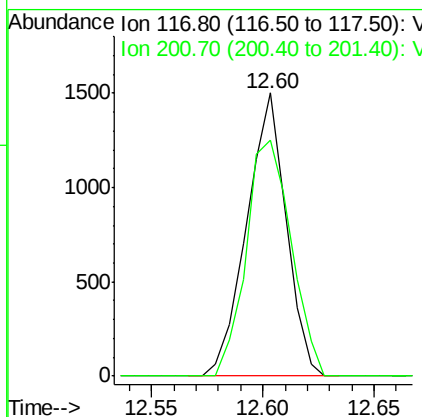
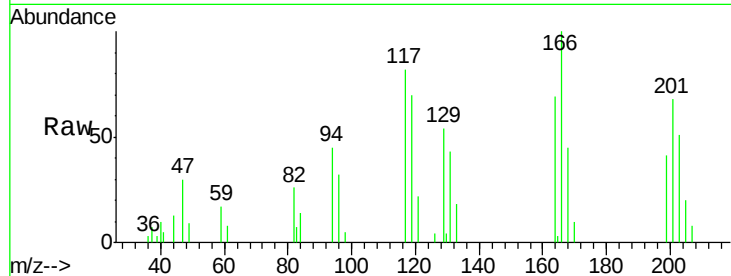
#90
Hexachloroethane
Concen: 0.975 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 1855
Ion Ratio Lower Upper
117 100
201 94.8 51.5 154.5

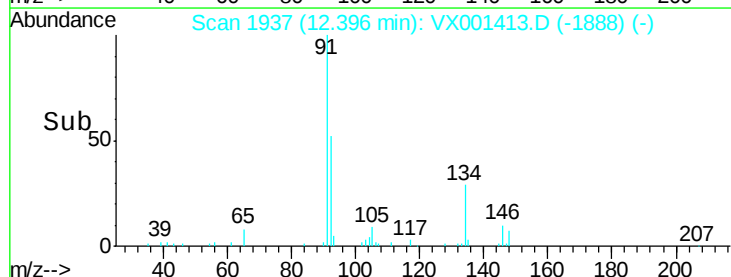
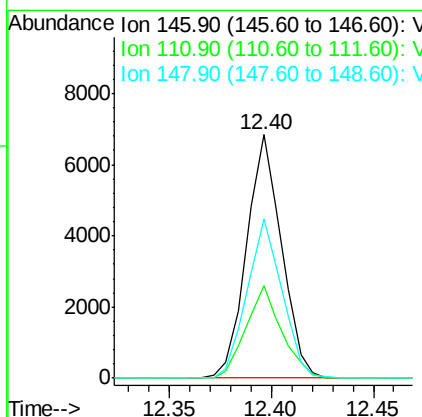
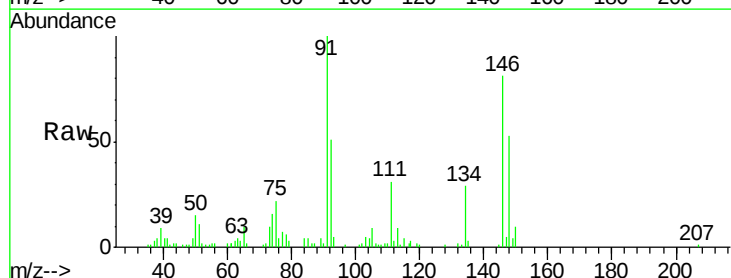
Manual Integrations
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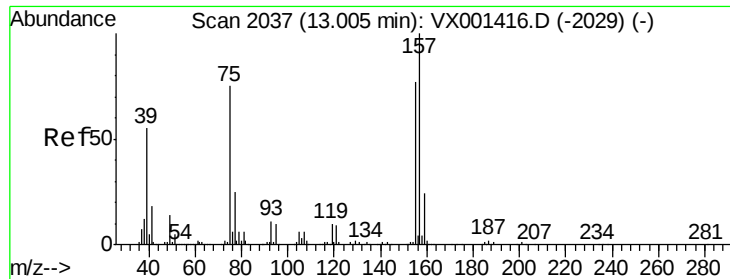
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#91
1,2-Dichlorobenzene
Concen: 1.067 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001413.D
Acq: 05 May 2018 12:04

Tgt Ion:146 Resp: 8158
Ion Ratio Lower Upper
146 100
111 38.7 18.6 55.8
148 65.6 32.1 96.5





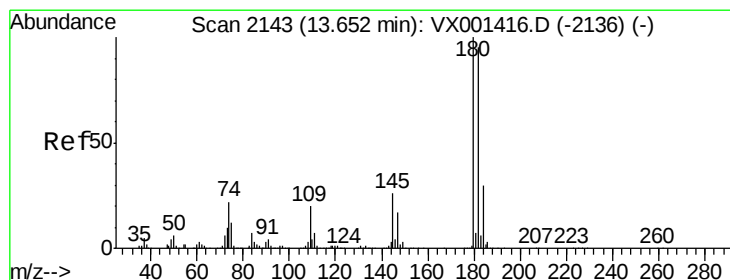
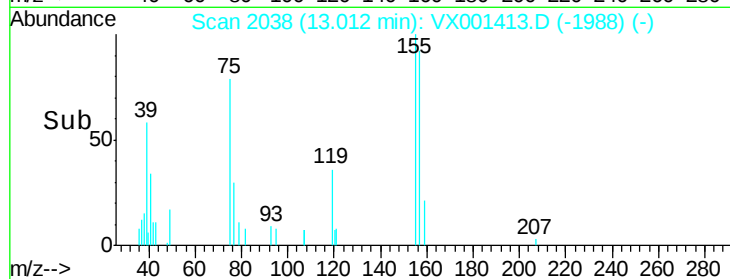
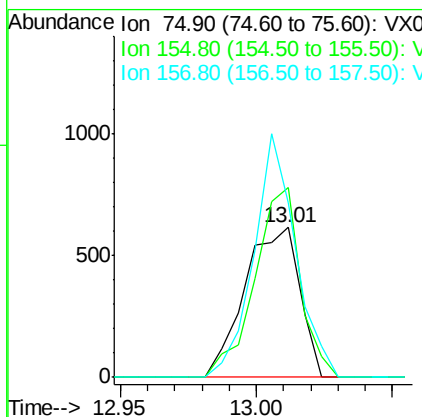
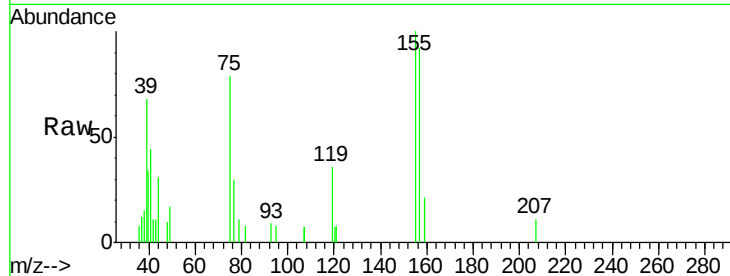
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.991 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. 0.01 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
155	105.1	53.4	160.2
157	123.4	68.3	204.8

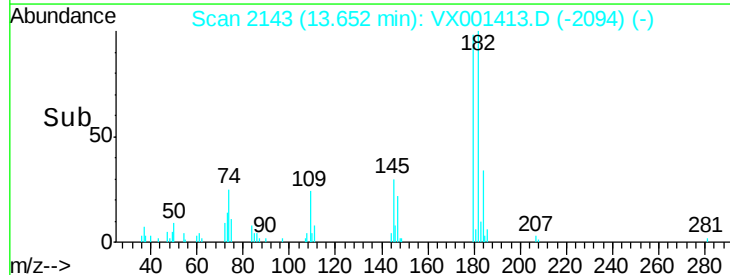
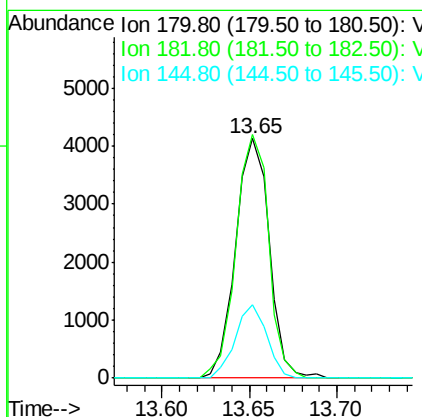
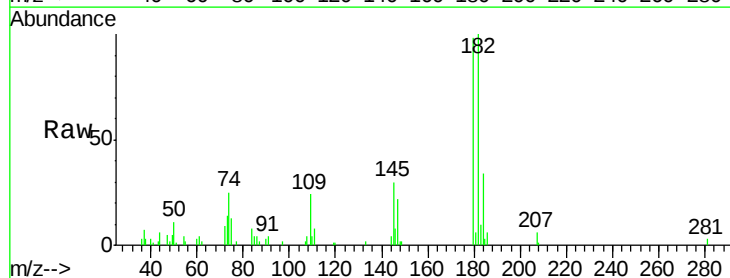
Manual Integrations
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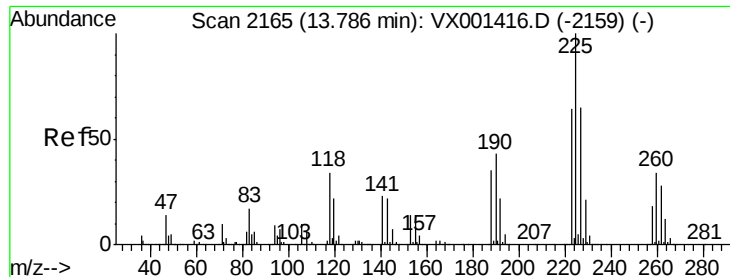
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#93
 1,2,4-Trichlorobenzene
 Concen: 0.904 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.8	47.8	143.4
145	28.6	13.3	39.9





#94

Hexachlorobutadiene

Concen: 1.015 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX001413.D

Acq: 05 May 2018 12:04

Instrument :

MSVOA_X

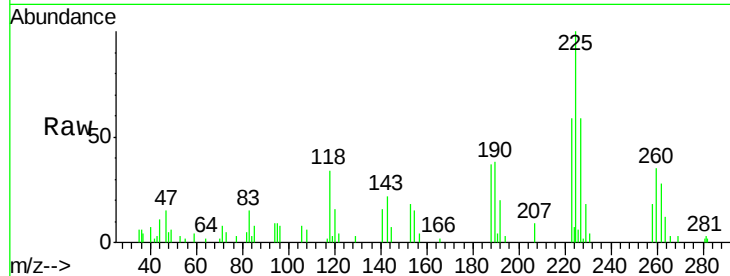
ClientSampleId :

VSTDIC001

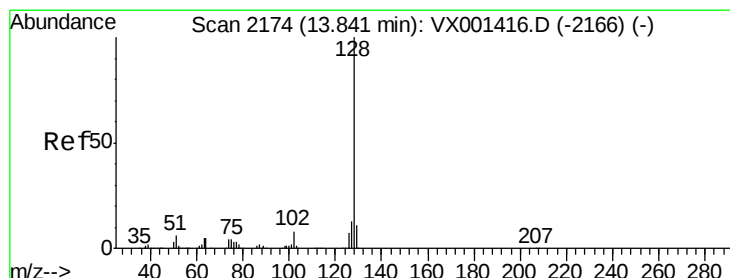
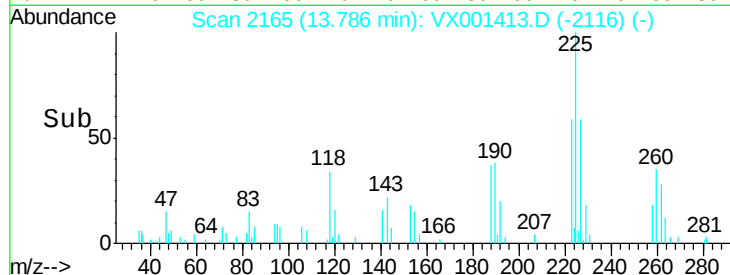
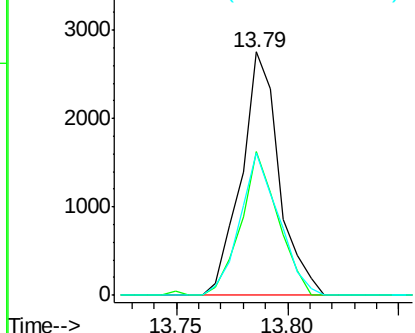
Tot Ion:	225	Resp:	3255
Ion Ratio		Lower	Upper
225	100		
223	57.6	31.3	93.9
227	60.5	32.4	97.2

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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.917 ug/l

RT: 13.84 min Scan# 2174

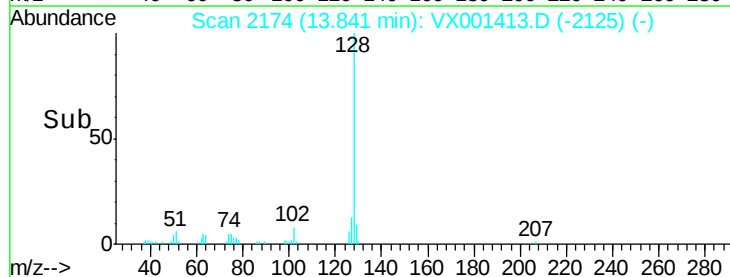
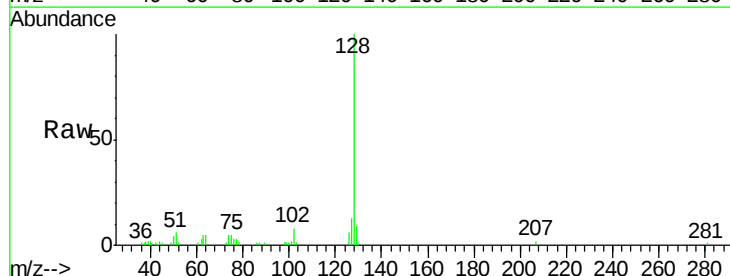
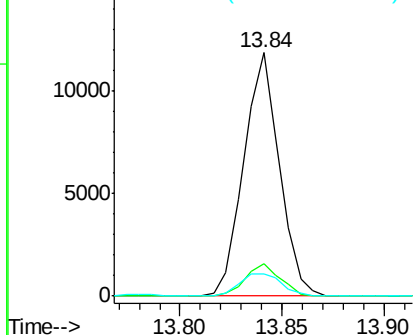
Delta R.T. 0.00 min

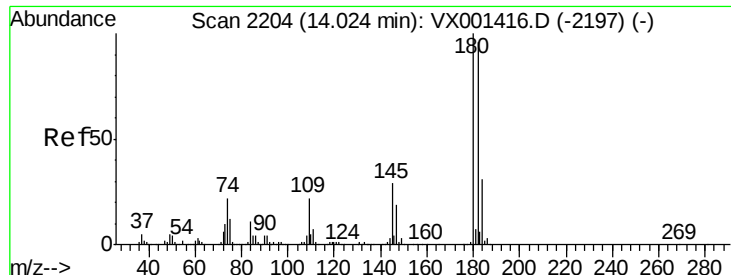
Lab File: VX001413.D

Acq: 05 May 2018 12:04

Tgt Ion:	128	Resp:	14347
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.7	13.1

Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





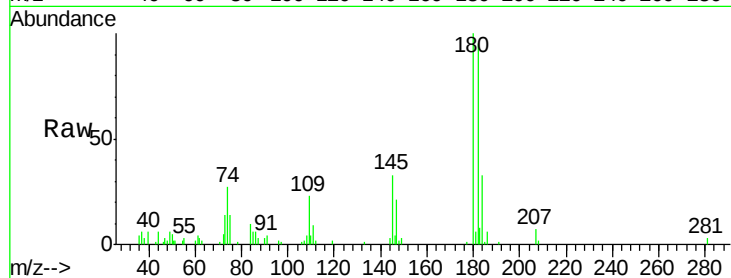
#96
 1,2,3-Trichlorobenzene
 Concen: 0.954 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX001413.D
 Acq: 05 May 2018 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	48.0	144.2
145	32.1	14.1	42.4

Manual Integrations
 APPROVED

apatel
 5/8/2018 7:53:23 AM



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

